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# CATALOGUE

OF THE

## OFFICERS AND STUDENTS

OF

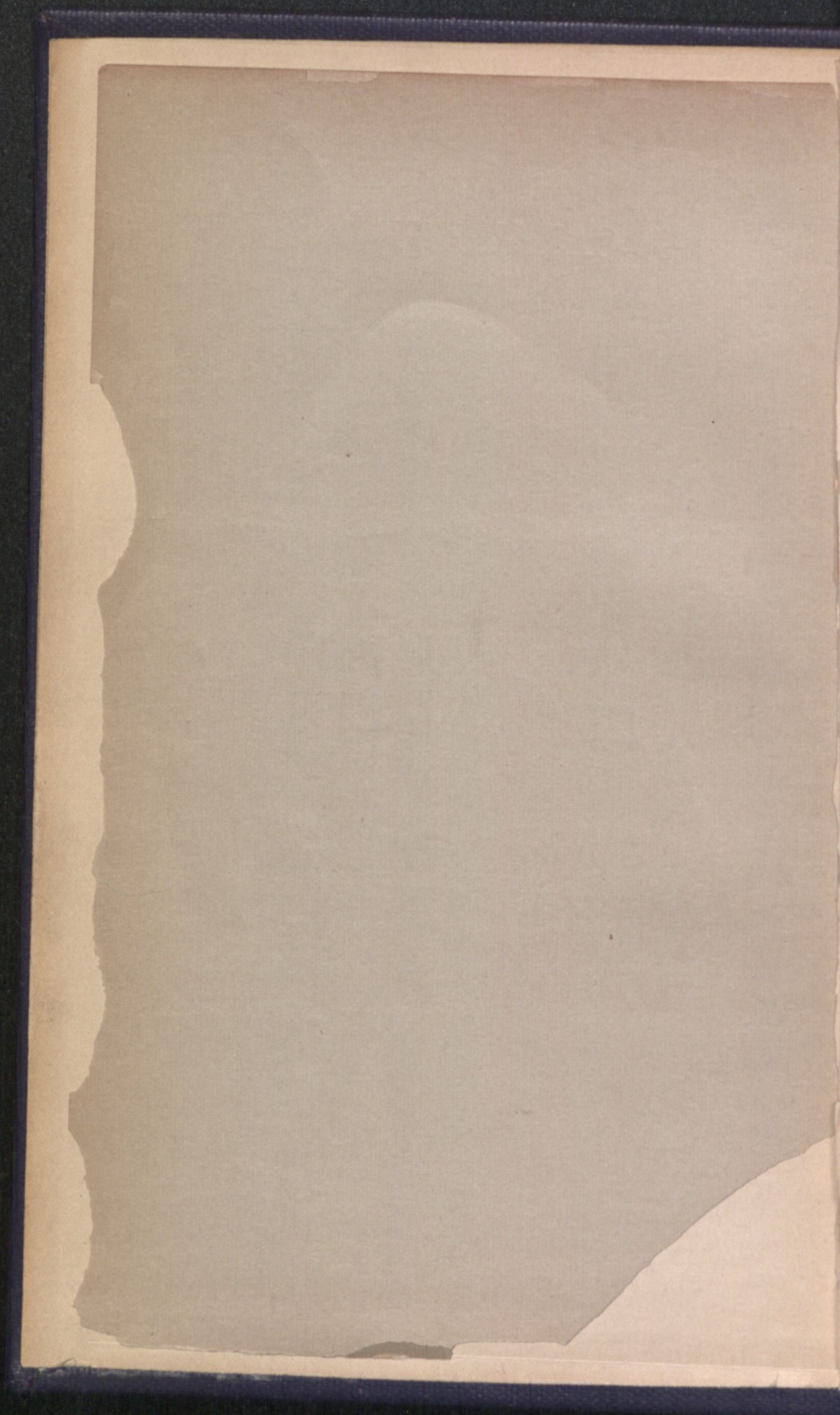
# THE COLUMBIAN UNIVERSITY,

FOR THE ACADEMIC YEAR 1885-'86.

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WASHINGTON:  
RUFUS H. DARBY, PRINTER.  
1886.







# CATALOGUE

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## THE NEW UNIVERSITY BUILDING.

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The exercises of the College, of the Law School, and of the Scientific School are held in the new University building, situated on the southeast corner of H and Fifteenth streets.

This building is four stories high and has a frontage of 121 feet on Fifteenth street and of 64½ on H street, with an annex extending back on the south line 156 feet. The façades are built of pressed and moulded bricks, which latter were especially shaped and modelled for the building, while its terra cotta ornamentations are artistically designed to give architectural expression to the educational purposes of the edifice. The ascent to the main floor is by iron stairs 12 feet wide, and to the floors above by a massive and ornate staircase 7 feet wide.

In the main story are contained the Law Lecture Hall, 45 feet by 60 feet, (capable of seating five hundred persons,) the Museum, the University Library, the President's Office, the Reception Room, and one Lecture Room. The upper stories contain Lecture Rooms, Professors' Studies, the Chemical Lecture Hall, the Enosinian Society Hall, &c., &c., while the pavilion which surmounts the building is designed for use by the teacher of Astronomy. The basement story, which is at an average depth of only 12 inches below the pavement, contains several Lecture Rooms, the Assay Department, steam-heating rooms, fuel rooms, store rooms, &c. The Chemical Laboratories are relegated to the lateral annex on the south line of the lot, and are separated from the main building by a heavy brick wall. Access to the laboratories is obtained by a spacious stone staircase, built around the main ventilating shaft, and encased by brick walls to make it proof against fire. Heavy brick partitions and iron beams running through the whole building render each tier of rooms secure from communication in case fire should occur in any part of the structure. The building is heated throughout by steam and by a combination of both direct and indirect radiation. The ventilation is effected by a general system dependent on two large shafts and by a special system of flues connecting with these shafts, or with chimneys, and reaching to every room occupied for purposes of instruction.

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### NOTE.

By an act of Congress approved March 3, 1873, the act to incorporate The Columbian College, in the District of Columbia, approved February 9, 1821, was so far modified as to provide, *inter alia*, "that said Corporation shall be hereafter known and called by the name of The Columbian University, and in that name shall take, hold, and manage all the estate and property now belonging to said College, or that may hereafter be conveyed, devised, or bequeathed to said Corporation by its original name."



## CALENDAR.

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### CURRENT ACADEMIC YEAR (1885-'86).

1885. Sept.	18.	{ Examination of Candidates for admission to	Friday.
Sept.	19.	{ College.....	Saturday.
Sept.	21.	First College Term begins.....	Monday.
Sept.	21.	First Term Preparatory School begins.....	Monday.
Oct.	5.	Session of Medical School begins.....	Monday.
Oct.	6.	Session of Corcoran School begins.....	Tuesday.
Oct.	7.	Session of Law School begins.....	Wednesday.
1886. Jan.	22.	First College Term Examination begins .....	Friday.
Feb.	1.	Second College Term begins.....	Monday.
Mar.	18.	Commencement of Medical School.....	Thursday.
April	14.	Senior Examinations begin .....	Wednesday.
May	24.	Second College Term Examination begins.....	Monday.
June	8.	Anniversary Meeting of Alumni.....	Tuesday.
June	8.	Commencement of Law School.....	Tuesday.
June	9.	Commencement of College and Corcoran School.....	Wednesday.
June	11.	Exhibition of Preparatory School.....	Friday.

### NEXT ACADEMIC YEAR (1886-'87).

1886. Sept.	17.	{ Examination of Candidates for admission to	Friday.
Sept.	18.	{ College .....	Saturday.
Sept.	20.	First College Term begins.....	Monday.
Sept.	20.	First Term Preparatory School begins.....	Monday.
Oct.	4.	Session of Medical School begins.....	Monday.
Oct.	5.	Session of Corcoran School begins.....	Tuesday.
Oct.	6.	Session of Law School begins.....	Wednesday.
1887. Jan.	21.	First College Term Examination begins.....	Friday.
Feb.	1.	Second College Term begins .....	Tuesday.
Mar.	17.	Commencement of Medical School.....	Thursday.
April	13.	Senior Examinations begin.....	Wednesday.
May	23.	Second College Term Examination begins.....	Monday.
June	7.	Anniversary Meeting of Alumni.....	Tuesday.
June	7.	Commencement of Law School.....	Tuesday.
June	8.	Commencement of College and Corcoran School.....	Wednesday.
June	10.	Exhibition of Preparatory School.....	Friday.



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LEWES D. WILSON.....	District of Columbia.
LIZZIE L. WILSON.....	Iowa.
WILLIAM D. WIRT.....	California.
JACOB L. WORTMAN, A. M.....	Oregon.
HARRY V. WURDEMAN.....	Kansas.
GLENDIE B. YOUNG.....	Virginia.

STUDENTS OF MEDICINE.....	102
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## STUDENTS IN

NAME.	RESIDENCE.	SCHOOLS.	
		ENGLISH.	GREEK.
DELANO AMES.....	Washington, D. C.....	Fresh.....	.....
THOMAS B. ANDERSON.....	Indianapolis, Ind.....	Soph.....	Soph.....
E. W. ASHFORD.....	Washington, D. C.....	Jun.....	.....
CHAS. W. D. ASHLEY.....	Washington, D. C.....	Soph.....	Soph.....
JESSE CHRISTY.....	Iowa.....	Sen.....	Sen.....
GEORGE B. COREY.....	Washington, D. C.....	Jun.....	.....
N. CARPENTER.....	Clarke County, Va.....	.....	.....
SPENSER COSBY.....	Louisville, Ky.....	Soph.....	.....
WM. DINWIDDIE.....	Alexandria, Virginia..	Jun.....	Jun.....
GEORGE G. GETTY.....	Wheaton, Md.....	Fresh.....	.....
THORNTON J. HAINES.....	Washington, D. C.....	Soph.....	.....
HENRY B. HEDRICK.....	North Carolina.....	Sen.....	Sen.....
ARNOLD H. HORD.....	Washington, D. C.....	Fresh.....	Fresh.....
ALLAN J. HOUGHTON.....	Washington, D. C.....	Soph.....	.....
CHARLES B. HUDSON.....	Washington, D. C.....	Jun.....	Jun.....
EUGENE JACKSON.....	Front Royal, Va.....	Fresh., Soph.	.....
JOHN J. KEY, JR.....	Washington, D. C.....	Soph.....	.....
EDWARD S. LEWIS.....	Washington, D. C.....	Soph.....	.....
J. D. LINCOLN.....	Washington, D. C.....	Fresh.....	.....
HARRY B. MASON.....	Washington, D. C.....	Fresh.....	.....
ARTHUR S. MATTINGLY.....	Mt. Pleasant, D. C.....	Soph.....	.....
J. R. NEVITT.....	Washington, D. C.....	Fresh.....	.....
WILLIAM S. ROOSE, JR.....	Washington, D. C.....	Sen.....	.....
HOWARD C. RUSSELL.....	Washington, D. C.....	Fresh.....	.....
G. G. RYAN.....	Washington, D. C.....	Soph.....	.....
FRANK W. SACKET.....	Washington, D. C.....	Fresh.....	Fresh.....
F. HOWARD SEELY.....	Washington, D. C.....	Fresh.....	.....
M. F. F. SWARTZELL.....	Washington, D. C.....	Sen.....	Jun., Sen..
RICHARD K. TYLER.....	Washington, D. C.....	Fresh.....	.....
C. J. WADE.....	Savannah, Ga.....	Soph.....	.....
CHARLES WELLBORN.....	Dallas, Texas.....	Jun.....	Soph.....
ALLAN E. WILSON.....	Georgetown, D. C.....	Fresh.....	.....
HENRY D. WILSON.....	Washington, D. C.....	Soph.....	.....
WM. H. WILSON.....	Charlestown, W. Va....	Soph.....	Soph.....



## THE COLLEGE.

## SCHOOLS.

LATIN.	MODERN LANGUAGES.		MATHEMATICS.	NATURAL SCIENCE.	PHILOSOPHY
	FRENCH.	GERMAN.			
Fresh .....	Fresh .....	.....	Fresh .....	.....	.....
Soph. ....	Soph. ....	Soph. ....	Soph. ....	Soph. ....	.....
.....	Fresh .....	Soph. ....	Fresh., Soph...	Soph., Jun.	Jun. ....
Soph. ....	.....	Soph. ....	Soph. ....	Soph. ....	.....
Sen. ....	Jun. ....	Jun. ....	Sen. ....	Sen. ....	Sen. ....
.....	Soph. ....	Soph. ....	Soph. ....	Jun. ....	Jun. ....
Fresh .....	.....	.....	Fresh .....	.....	.....
Soph. ....	.....	Jun. ....	Soph., Jun. ....	Jun. ....	.....
Jun. ....	Jun. ....	Jun. ....	Jun. ....	Jun. ....	Jun. ....
.....	Fresh .....	Fresh .....	Fresh .....	.....	.....
.....	Soph. ....	.....	Fresh. ....	Soph., Jun.	.....
Sen. ....	.....	.....	Sen. ....	Sen. ....	Sen. ....
Fresh .....	Fresh .....	Fresh .....	Fresh. ....	.....	.....
.....	Fresh .....	Fresh .....	Fresh .....	Soph., Jun.	.....
Jun. ....	Jun. ....	Jun. ....	Soph., Jun. ....	Jun. ....	Jun. ....
Fresh .....	Fresh .....	Fresh .....	Fresh., Soph...	Soph. ....	.....
Soph. ....	.....	.....	Fresh., Soph...	Soph., Jun.	.....
Fresh .....	Fresh .....	Fresh .....	Soph. ....	Soph., Jun.	.....
.....	Fresh .....	Fresh .....	Fresh .....	.....	.....
.....	Fresh .....	Fresh .....	Fresh .....	.....	.....
Soph. ....	Soph. ....	Soph. ....	Soph. ....	Soph. ....	.....
.....	Fresh .....	Fresh .....	Fresh .....	Soph., Jun.	.....
.....	.....	.....	.....	.....	Sen. ....
.....	Fresh .....	Fresh .....	Fresh ..	Soph., Jun.	.....
Fresh. ....	.....	.....	.....	.....	.....
Fresh .....	Fresh .....	Fresh .....	Fresh .....	.....	.....
Soph. ....	Fresh .....	Fresh .....	Fresh. ....	Soph. ....	.....
Sen. ....	.....	.....	.....	Sen. ....	Jun., Sen..
.....	Fresh .....	Fresh .....	Fresh ..	Soph. ....	.....
Soph. ....	Soph. ....	Soph. ....	Soph. ....	Soph. ....	.....
Jun. ....	Jun. ....	Jun. ....	Jun. ....	Jun. ....	Jun. ....
Fresh. ....	Fresh .....	Fresh .....	Fresh. ....	Soph. ....	.....
Soph. ....	.....	.....	Soph. ....	Soph. ....	.....
Soph. ....	Soph. ....	Soph. ....	Soph. ....	Soph. ....	.....



## THE CORCORAN SCIENTIFIC SCHOOL.

### STUDENTS IN SCIENCE AND TECHNOLOGY.

J. S. BARTLETT <sup>8</sup> .....	District of Columbia.
SEPHORA BETTES <sup>4</sup> .....	Massachusetts.
JOSEPHINE BETTES.....	Massachusetts.
E. O. BOND <sup>8</sup> .....	Virginia.
CHAS. BOGAN <sup>8</sup> .....	District of Columbia.
CHAS. H. BREGMAN <sup>2, 8</sup> .....	Ohio.
LIZZIE P. BROWN.....	District of Columbia.
H. C. BRYAN <sup>5</sup> .....	District of Columbia.
PHIL. BROWN <sup>1, 3, 4</sup> .....	District of Columbia.
H. O. CHUTE <sup>5</sup> .....	District of Columbia.
R. H. CHAPMAN <sup>2, 9, 10</sup> .....	District of Columbia.
A. CATHCART <sup>9</sup> .....	Virginia.
F. B. CLEMENTS.....	Alabama.
B. CLAYTON <sup>1, 2</sup> .....	District of Columbia.
LOUISE CONNOLLY.....	District of Columbia.
F. E. COOMBS <sup>5</sup> .....	Massachusetts.
JAMES CORRIDON <sup>1</sup> .....	District of Columbia.
J. D. COUGHLAN.....	District of Columbia.
B. DALEY.....	New York.
MISS DALY <sup>1</sup> .....	District of Columbia.
T. I. DAVIS <sup>5</sup> .....	District of Columbia.
A. T. DAVIS.....	Kansas.
H. S. DURNALL <sup>3, 4, 9</sup> .....	Pennsylvania.
JOHN ENDERS.....	District of Columbia.
J. L. FUELLING <sup>9</sup> .....	District of Columbia.
W. A. GLASSFORD <sup>2</sup> .....	Missouri.
T. J. GLOVER.....	Iowa.
E. A. GREENOUGH.....	Virginia.
W. A. GUYER, JR. <sup>3</sup> .....	District of Columbia.
S. J. HENRY <sup>2, 10</sup> .....	Pennsylvania.
L. J. HATCH <sup>1</sup> .....	Vermont.
W. A. HART <sup>2, 10</sup> .....	Virginia.
FRED. HODGE.....	District of Columbia.
M. HACKETT <sup>8</sup> .....	District of Columbia.
H. G. HODGKINS <sup>8</sup> .....	District of Columbia.



E. B. JONES <sup>8</sup> .....	Indiana.
PAUL M. KNOBLOCK <sup>8, 9</sup> .....	District of Columbia.
H. K. LAMB.....	Illinois.
G. M. LAMASURE.....	Pennsylvania.
P. LEWIS.....	North Carolina.
JUDSON D. LINCOLN.....	New York.
G. C. LOOMIS <sup>5</sup> .....	West Virginia.
J. McMAHON <sup>1, 2</sup> .....	District of Columbia.
R. S. McCALL.....	District of Columbia.
KART McELROY <sup>5</sup> .....	District of Columbia.
D. E. McCOOMB <sup>3</sup> .....	District of Columbia.
E. N. MEEKINS <sup>2</sup> .....	District of Columbia.
S. C. MILLER <sup>5</sup> .....	Minnesota.
A. MULLER <sup>1</sup> .....	Germany.
H. MUNROE <sup>2, 8</sup> .....	Florida.
C. G. NUNN <sup>2, 3, 4</sup> .....	Texas.
W. G. PETER.....	District of Columbia.
LOUIS E. PHILLIPS <sup>1</sup> .....	New York.
F. W. PLUGGE <sup>8</sup> .....	District of Columbia.
G. F. POHLERS.....	District of Columbia.
KATE E. RAWLINGS <sup>1</sup> .....	District of Columbia.
E. C. ROBINSON <sup>2</sup> .....	District of Columbia.
H. C. ROTHERY.....	District of Columbia.
L. M. SHAW <sup>3, 4, 9</sup> .....	District of Columbia.
L. P. SHIDY <sup>5</sup> .....	Missouri.
MARY SHIELDS <sup>1</sup> .....	District of Columbia.
O. A. SWAINE.....	Massachusetts.
A. SHACKELFORD <sup>8</sup> .....	District of Columbia.
M. TIERNEY.....	District of Columbia.
A. O. TINGLEY <sup>2, 8</sup> .....	Massachusetts.
H. S. TOWN <sup>2</sup> .....	District of Columbia.
O. W. TRUEWORTHY <sup>2, 8</sup> .....	Maine.
CHARLES TUCKER <sup>1</sup> .....	District of Columbia.
S. VOORHEES <sup>5</sup> .....	District of Columbia.
E. M. WADE <sup>5</sup> .....	District of Columbia.
P. C. WARMAN <sup>3, 4</sup> .....	District of Columbia.
MISS E. E. YORK <sup>3</sup> .....	Massachusetts.

NOTE.—Students without numerals suffixed to their names are pursuing a General Course of Studies leading to a full degree. Students with numerals suffixed to their names are pursuing studies according to the following notation: 1, English; 2, Mathematics; 3, French; 4, German; 5, Analytical Chemistry; 6, Physics; 7, Assaying; 8, Drawing; 9, General Chemistry; 10, Mechanics; 11, Mineralogy; 12, Botany.



## RECAPITULATION.

Law Students.....	186
Medical Students.....	102
College Students.....	34
Students in Science and Technology.....	71
Total .....	393



## LAW SCHOOL.

The Law School of the Columbian University is held in the University Building, situated on the southeast corner of Fifteenth and H streets.

### ADMISSION.

The course of study is adapted to graduates of colleges, and to any who have attained a competent discipline of their mental powers. All, however, who desire are admitted to the recitations and lectures of the School, it being understood that their graduation will depend on their success in mastering the daily exercises and in passing the final examinations. No one is admitted as a candidate for graduation in the Senior Class who has not spent one year either at this or some other Law School, or performed a corresponding amount of study under some approved attorney.

### SESSIONS.

The entire course of study in the undergraduate department embraces two years. The annual session begins on the first Wednesday in October and ends on the Tuesday next before the second Wednesday in June. The exercises of the School begin daily at 6 o'clock P. M., giving to students the entire day for study, for reading in the public libraries, and for attending the several courts of the Capital, and at the same time enabling young men engaged in office duties to avail themselves of the facilities of the School.

### COURSE OF INSTRUCTION.

The School has three classes, a Junior and a Senior in the undergraduate department, and a Graduate Class in Practice.

#### *Junior Class.*

#### PROF. COX.

The instructor of the Junior Class, aiming to secure for his pupils as thorough and accurate a knowledge of the law of *real and personal property, of contracts and of crimes and misdemeanors*, as it is possible for them to attain within the brief period of a scholastic year, places in their hands, successively, *Blackstone's Commentaries, Kent's Commentaries, Par-*



*sons on Contracts*, and *Byles on Bills*, as text-books to be carefully read and studied. He meets the class on Monday, Wednesday, and Friday of each week. For each meeting a lesson of moderate length is assigned, and the lesson for the evening forms the subject of his lecture. In his lecture he reviews, illustrates, and simplifies, as far as he can, the teachings of the lesson, shows how far, and in what particulars, the law contained in it has been repealed or modified, either by English or American statutes, or by the American common law; and tries to remove the doubts and uncertainties that are apt to trouble and perplex those entering for the first time upon the study of law. And to insure a careful reading of the lesson, and proper attention to his lecture, he, at the close of the latter, questions the class upon the important points of each; and, by his catechetical analysis, reproduces and impresses upon the memories of his pupils the teachings of both lesson and lecture.

#### *The Senior Class.*

PROF. MAURY.

The students of the Senior Class meet the Professor charged with their especial instruction on Tuesday, Thursday, and Saturday of each week, and while pursuing the special studies of the Senior course are required to attend the recitations and lectures of the Junior year, that they may be thoroughly grounded in the law of real and personal property and of contracts.

The special studies of the Senior year begin with Common Law Pleading, in which *Stephen on Pleading*, as edited by Tyler, is used as the text-book of the class. Next follow instructions on the Law of Evidence, with the first volume of *Greenleaf on Evidence* as a manual. To these succeed instructions in Equity Jurisprudence and Equity Pleading and Practice—*Smith's Manual of Equity*, and *Mitford and Tyler's Pleadings and Practice in Equity* being the text-books used under these heads. The closing part of the course is occupied with the *Law of Partnership* considered in itself and in its relations to remedies afforded in Courts of Equity. And because of their especial character, lectures are given on the Remedies, Ejectments, Quo Warranto, Scire Facias, and Mandamus, as also lectures, by way of review, on Pleading and on Evidence, delivered at the close of the whole course.

The method of instruction pursued in this class is as fol-



lows: A lesson comprising a certain number of pages in the text-book is assigned to the class, and on the subject-matter of this lesson the Professor at his next meeting lectures according to the requirements of the case. At the next meeting he examines the class on the text and lecture of the preceding meeting—using for this purpose carefully written questions, and calling up indiscriminately the members of the class. In this way the students are trained to reproduce with readiness and accuracy the principles they have learned both from the text-books and the Lectures of the Professor.

#### SPECIAL FACILITIES.

The City of Washington furnishes special facilities for the law student as well as for the general scholar. The unequalled collection of the Congressional Library is open during seven hours of each day to all who wish to examine any authority, or to take notes from any book of reference, ancient or modern. Besides the local courts, both of criminal and civil jurisdiction, the sessions of the Supreme Court are valuable for practical instruction to students. In addition to these, the discussions on patent law, the deliberations of the Court of Claims, and the debates on constitutional and international law in the Halls of Congress, form a combination of facilities open to persons desirous of general improvement.

#### EXAMINATION AND GRADUATION.

All candidates for graduation are required to pass a general examination, at the end of the course, on all the studies of the two years, in the presence of the Faculty and of such committee as the Trustees of the University may appoint. This examination is conducted upon printed questions, which are answered by each student in writing.

The degree of Bachelor of Laws is granted to students who, having passed both years of the prescribed course in the School, or who, on presenting credentials of equivalent study in some law college or office, and passing one year in the School, shall sustain satisfactory examination in all the studies of both the Junior and Senior classes.

The time spent in the Law School of the University is counted as part of the period of study required for admission to the bar of the Supreme Court of the District of Columbia.



## PRIZES.

Three prizes, one of forty dollars, one of thirty dollars, and one of twenty dollars, are annually given to the respective authors of the best three essays among all those handed in by such members of the Senior class as shall compete for them, and shall pass a successful examination for the degree of Bachelor of Laws. An additional prize, a copy of the new edition of *Smith's Leading Cases* in four volumes, is offered during the current year by the courtesy of Messrs. T. & J. W. Johnson & Co., law publishers of Philadelphia, Pa. All prizes are awarded by the regular professors of the School.

## COMMENCEMENT.

The degrees are publicly conferred, and the prizes publicly delivered at the Annual Commencement of the Law Department, when, in connection with other appropriate exercises, an address is delivered to the graduating class by an eminent member of the bar whom they may have selected for that purpose.

## EXPENSES.

The entire charge for tuition, lectures, and all the facilities of the School, is *eighty dollars* for a single year, or *one hundred and fifty dollars* for two scholastic years, payable in advance, half yearly, or in monthly instalments at the option of students. Students who devote three years or more to the preparation for graduation may have this privilege by the payment of *two hundred dollars* for the entire course. If a student shall, for any cause, intermit the studies of either his first or his second year at any point before graduation, the payments he may have made during either or both of these years will not work exemption from the regular monthly dues of any subsequent year on which he may attend the School; but it shall always be open to him to profit by the benefits of the three years' rule. A charge of *two dollars* is made for diplomas. Students from abroad can secure board at prices as reasonable as in any other city.

Graduates of the School are admitted to all lectures of the undergraduate course in subsequent years without charge.



## Graduate Course in Practice.

The Graduate course of instruction in Common Law Practice and in Equity Pleadings and Practice, designed to show the application of the principles of law to the transactions of business life and to the actual proceedings of courts, is conducted by Professors COX, MAURY and APPLEBY as a supplement to the undergraduate course of the Law School.

In the Common Law Branch the students use a work on Practice prepared by Professor COX, after which they are exercised in the conduct and trial of causes, and thus taught to apply their theoretical learning in pleadings, practice and evidence. In connection with this course, it is intended that they shall also study some such work as *Archibald's Law of Nisi Prius*. During more than half the term the exercises are those of a Nisi Prius Moot Court, over which Professor APPLEBY presides.

In the Equity Branch the students will be instructed by Prof. MAURY in the general principles of equity pleadings, and in the mode of conducting an equity case. The textbook employed will be *Mitford and Tyler's Equity Pleadings and Practice*.

Candidates for admission to the Graduate course will be required to furnish evidence that they have been diligent and successful students of law for the term of two years. Diplomas of respectable law schools, certifying that their holders have been graduated after such a term of study, will be received as evidence of qualification for admission to the course. At the end of the course all such students who shall sustain a satisfactory examination in its instructions and exercises will be entitled to a diploma admitting them to the degree of Master of Laws. Students who have pursued a two-years' term of study in a lawyer's office will also be admitted to the course, on presenting a certificate of the fact from a lawyer under whose direction they may have studied; but such students, if aspiring to the degree of Master of Laws, will be required, as the condition of receiving it, to sustain a satisfactory examination for the degree of Bachelor of Laws as well as for the degree of Master of Laws.



The tuition fee for this course, covering a period of nine months, is *twenty-five dollars*. It does not carry with it the privilege of attending the Lectures of the undergraduate course, except in the case of students who are graduates of the School.

#### LECTURES ON CONSTITUTIONAL LAW.

A course of Lectures on Constitutional Law is delivered to the students of the School by the Hon. WILLIAM STRONG, LL.D., sometime Associate Justice of the Supreme Court of the United States. In this course, after a history of the origin and formation of the Constitution of the United States, the principles of Constitutional interpretation are briefly inculcated, in connection with an outline sketch of the leading doctrines to which those principles have led in the conduct of the Government and under the exposition of the Supreme Court of the United States.

The course is open to all the classes of the School.

#### LECTURES ON CRIMINAL LAW.

A course of Lectures on Criminal Law is delivered by the Hon. FRANCIS WHARTON, LL.D., Solicitor of the Department of State, and author of the standard treatises on Criminal Law, on Criminal Evidence, and on Criminal Pleadings and Practice. In this course it is proposed to discuss the general principles on which Criminal Law rests; the classification of crimes; the nature of such crimes as are the subjects of common prosecutions; the mode in which criminal prosecutions are conducted; and the evidence which in such prosecutions is received. A lecture is also devoted to the international relations of crime, and a lecture on extradition.

The course is open to all the classes of the School.



## THE MEDICAL SCHOOL.

The building in which this School holds its sessions, the munificent gift of WILLIAM W. CORCORAN, LL.D., is situated on H street, between Thirteenth and Fourteenth streets, in Washington.

The School has a museum containing a valuable collection, and is provided with other appointments suitable for the purposes of medical, anatomical, and surgical study.

The plan of instruction comprises a complete course of scholastic lectures on the seven essential branches of medical science, viz: Anatomy, Physiology, Materia Medica, Chemistry, Surgery, Obstetrics, and the Theory and Practice of Medicine, by which the student becomes versed in the principles of his profession; and, conjoined with this, ample opportunities are afforded for bedside instruction, by which the general principles taught in the lecture-room can be verified, illustrated, and practically applied, under the observation of the student. In this latter particular no pains will be spared to render him familiar with the various modes of examining patients, analyzing symptoms, and arriving at a correct diagnosis and prognosis of any case that may be presented. In like manner he will learn the art of prescribing medicines and of observing their effects, the mode of performing surgical operations, &c.

In addition to full sets of diagrams to illustrate the subjects considered by the several Chairs, the College has provided a Sciopticon, or Lantern, which enables the Lecturer to give the class faithful and exact (photographic) views of both normal and pathological structures. Practical laboratory instruction will be given during the session in Experimental Physiology, Normal and Pathological Histology, and Chemistry. The laboratory has been supplied with microscopes and with the necessary appliances for the study of these subjects.

The course in Experimental Physiology and Histology is open to students during the first and second years of their tuition, and the course in Pathological Histology to third-year students only. Both these courses constitute a neces-



sary part of College work, and attendance upon them is not optional, but obligatory.

The Spring Course of Lectures begins in April, and comprehends Lectures and Practical instruction on Diseases of the Eye and Ear; Toxicology and Chemical Analysis; Histology; Mental Diseases; Diseases of the Skin; Medical Jurisprudence, and Diseases of Children.

#### CLINICAL INSTRUCTION.

The opportunities for clinical instruction in the City of Washington have increased in proportion to its augmented population and growing business activity.

In addition to the opportunities afforded for general instruction in Medicine and Surgery by the larger hospitals of the City, facilities are provided by which the student may qualify himself for the treatment of certain special departments of disease, which have of late acquired considerable prominence in Medical Practice, and in the successful management of which a certain skill is necessary that can be acquired only by special courses of clinical instruction.

*Diseases of Infants and Children.*—In this important class of maladies special clinical instruction is given at the Children's Hospital, by the Attending Physicians and Surgeons, among whom are Prof. W. W. JOHNSTON, Prof. J. FORD THOMPSON and Prof. A. F. A. KING. Students are admitted to the clinics free of charge, and also to the Dispensary service, which is open daily from 2.30 to 4.30 o'clock P. M. Under direction of the Medical and Surgical attendants of this Institution, ample opportunity is afforded the student to become practically acquainted with the diagnosis and treatment of the diseases of early life.

*Diseases of the Eye and Ear.*—Many medical students begin practice with only superficial knowledge of the diseases affecting the organs of sight and hearing. To remedy this defect clinical lectures are given during both the winter and spring course by Dr. FRANCIS B. LORING at the Washington Eye and Ear Infirmary, at 4 o'clock P. M., on special days, of which due notice is given during each term. The Infirmary is attached to the College Building, No. 1325 H street, and, as its patients are very numerous, they afford ample opportunity for a thorough course of clinical study in this important department of medical practice.

The Central Dispensary and Emergency Hospital treats a



large number of patients. The Dispensary has six separate departments, exclusive of the Emergency Hospital, viz: 1. Diseases of Children; 2. Diseases of Women; 3. Diseases of the Eye and Ear; 4. Diseases of the Throat and Lungs; 5. Surgical Cases; 6. General and Nervous Diseases. The services are held daily from 1 to 3 P. M. During the winter, clinical lectures are given on Sunday by members of the Attending Staff, admission to which is secured by means of cards obtained from the Secretary of the Staff. There are three Dispensary studentships and a Resident studentship open to undergraduates.

On the whole it may be stated that the various Dispensaries and Hospitals of the City of Washington afford facilities by which the student may obtain all the information he desires in the way of clinical instruction; and, as the number of students in attendance is never very large, a good opportunity is afforded for close and exact observations in pathology and treatment.

All clinical instruction is free of charge.

#### PRACTICAL ANATOMY.

The Dissecting-Room, newly constructed in the most approved style, is large and thoroughly ventilated. It is amply supplied with gas-light, water, and everything that can contribute to the convenience and comfort of the student. The room is open during the day, and in the evening until 11 P. M., under the direction of the Demonstrator of Anatomy.



## General Sketch of the Several Lecture Courses.

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### SURGERY.

PROF. J. FORD THOMPSON, M. D.

The principles and practice of Surgery are taught from this Chair both by didactic lectures and clinical instruction. Orthopedic Surgery and Diseases of the Genito-Urinary system are included in this course. At the College, operations will be performed upon the *cadaver*, and the use of all important surgical instruments and appliances will be demonstrated in the same manner. A collection of colored models, of life size, illustrating Surgical Anatomy, forms a feature of the surgical course.

### THEORY AND PRACTICE OF MEDICINE.

PROF. W. W. JOHNSTON, M. D., ONE OF THE ATTENDING PHYSICIANS TO THE CHILDREN'S HOSPITAL.

The instruction in this department includes lectures on General Pathology, General Diseases, and Diseases of Organs.

The study of Pathological Anatomy will always be made a prelude to that of disturbed function.

Illustrations and practical instruction are largely used to supplement didactic teaching.

### OBSTETRICS AND THE DISEASES OF WOMEN AND CHILDREN.

PROF. A. F. A. KING, M. D.,

This course comprises a series of Lectures on the Science and Practice of Midwifery, together with additional Lectures on Gynecology. The Lectures on Obstetrics are illustrated by an elaborate collection of life-sized diagrams, natural preparations, and *papier mâché* models, exhibiting the anatomy and physiology of reproduction in all its stages. The mechanism and practical management of natural and preternatural labors are demonstrated on appropriate manikins, and obstetrical instruments of all kinds are exhibited, and their uses fully explained.

The department of Gynecology, which has of late attained so great a prominence in medical practice, will be thoroughly taught, both as regards theory and practice; and all instrumental and other appliances required in treating the diseases of females will be presented.



## CHEMISTRY AND TOXICOLOGY.

PROF. EDWARD T. FRISTOE, LL.D.

The instruction of this department embraces—

1st. A short discussion of the various branches of Physics, as Specific Gravity, Pneumatics, Heat, Light, Electricity, &c., so far as they relate to the science of Chemistry.

2d. The principles of chemical philosophy, the laws of chemical combinations, and of chemical affinity in general.

3d. A discussion of the elementary bodies, both metallic and non-metallic, the best methods of preparing the various inorganic bodies, their properties and reactions, and the means of detecting their presence.

4th. The so-called "organic bodies" are considered as far as time will permit, especially those most useful to the physician, such as organic acids and their salts, the alkaloids, &c.

Throughout the entire course the application of Chemistry to Medicine and Pharmacy will be constantly brought before the student.

Special attention is given to Toxicology. Every poison is studied, so far as the tests for its presence and appropriate antidotes are concerned.

The principles of the science are abundantly illustrated by experiment.

## PHYSIOLOGY.

PROF. WILLIAM LEE, M. D.

This course of Lectures consists of a full, clear, and practical exposition of Physiology, aided as far as possible by chemical experiments, vivisections, diagrams, and use of the microscope. The more fully to impress upon the memory of the student the important principles embraced in this part of his curriculum, reviews are held from time to time in the form of class examinations. The course will be confined strictly to Physiology, with a view to cover fully the whole ground occupied by this branch.

## ANATOMY, DESCRIPTIVE AND SURGICAL.

PROF. ELLIOTT COUES, M. D., PH. D.

These Lectures are arranged to render the didactic instruction in descriptive and surgical anatomy as full and complete as the limits of the session will allow. The course includes the necessary elements of normal histology and comparative anatomy, and the aim will be to impart those scientific principles of Anatomy which are not usually given in text-books, and which are not ordinarily learned in the dissecting-room, thus rendering the Lectures complementary to the other sources of information of which the student may avail himself. Examinations will be conducted, as heretofore, throughout the session.

The Demonstrator of Anatomy gives his personal attention to the student in the dissecting-room, and assists the lecturer as occasion may suggest.



## MATERIA MEDICA AND THERAPEUTICS.

PROF. D. WEBSTER PRENTISS, M. D.

In the course of instruction pertaining to this Chair, especial prominence is given to the physiological action of medicines and their therapeutic uses.

The art of prescribing has its logical place assigned in the consideration of individual drugs, particularly with reference to appropriate combinations. The use of the metric system in its application to Medicine is taught by this Chair.

The value of a knowledge of Pharmacy and of the Natural History and Chemical relations of the Materia Medica is not overlooked.

## TEXT-BOOKS AND WORKS OF REFERENCE.

ANATOMY.—Quain's Anatomy (last edition); Gray's Anatomy; Hodge's or Holden's Dissector.

SURGERY.—Gross' System of Surgery; Erichsen & Druitt.

MATERIA MEDICA.—National Dispensatory; Wood's Therapeutics; Fothergill's Handbook of Treatment.

CHEMISTRY.—Barker's or Attfield's Chemistry; Bloxam's Fowne's; Bowman's Medical Chemistry; Witthaus' Essentials of Chemistry; and Wheeler's Medical Chemistry.

OBSTETRICS.—Leishman's, Lusk's or Playfair's Obstetrics; King's Manual; Thomas, Barnes, or Byford on Diseases of Women; J. Lewis Smith or W. H. Day, or Meigs and Pepper on Diseases of Children; and Skene on Diseases of the Female Bladder and Urethra.

PHYSIOLOGY.—Dalton's; Flint's Physiology; Foster & Langley's Practical Physiology; Rutherford's Practical Histology.

PRACTICE OF MEDICINE.—Robert's, Bartholow's, Flint's, or Niemeyer's Practice.

PATHOLOGICAL ANATOMY AND HISTOLOGY.—Green; Wilks and Moxon; Frey's or Stricker's Histology; Rindfleisch's Pathological Histology; Cornil and Ranvier.

## REQUIREMENTS FOR MATRICULATION AND GRADUATION.

I. Matriculants will be required to show that they are fitted, by previous education, for the study of medicine, and for this purpose they must either submit themselves to an examination, or in lieu thereof present a satisfactory certificate of their attainments from some College, Seminary, or High School.

II. Candidates for the degree of Doctor of Medicine must have attended three courses of lectures, the subjects to be arranged as follows:



FIRST COURSE: Anatomy, Physiology, Chemistry, and Materia Medica. Practical Anatomy and Histology.

SECOND COURSE: Anatomy, Physiology, Chemistry, and Materia Medica. Practice of Medicine, Surgery, and Obstetrics. Histology, Practical Anatomy. Clinics.

Examinations at the end of second course in Anatomy, Physiology, Chemistry, and Materia Medica.

THIRD COURSE: Practice of Medicine, Surgery, Obstetrics, and Pathological Histology. Clinical Medicine and Surgery. Final examinations at the end of this course.

III. Students of other Institutions who have attended one course of lectures in a regular Medical School, will be placed upon the same footing with those who have attended one course in this College; and those who have attended two courses of lectures in some other regular College, or Colleges, will rank with those who have attended two courses in this Institution, and the same privileges as regards examination will be extended to them; that is to say: they will be admitted as third-course students after passing a satisfactory examination on the four primary branches of Anatomy, Physiology, Chemistry, and Materia Medica.

IV. Candidates for graduation must have studied medicine three years, or the term of three years' study must be completed at a date not exceeding three months after the period of the final examination. They must be of good moral character and at least twenty-one years of age.

Satisfactory evidence that the above conditions have been complied with must be furnished by a written certificate from some regular physician in good standing.

V. The candidate shall have practised dissection at least two sessions, during each of which he shall be *required* to dissect two "parts" of a subject, and it is *recommended* that he dissect three parts. He must have attended also two courses of clinical instruction.

VI. One month before the close of the session he shall enter his name with the Dean of the Faculty as a candidate for graduation, and at the end of the term present himself for examination. The examinations will be both written and oral. The examination for the Degree will be held at the end of the session in March. An examination will be held in October for those students only who have attended three courses of lectures, but whose term of three years' study had not been complete at the preceding March examination. Students who fail to pass the examination in March may be



re-examined in October, if, in the judgment of the Faculty, they have shown sufficient proficiency to render such a course advisable. The diploma is granted only at the annual commencement in March.

VII. Graduates of other accredited Medical Colleges must pass a satisfactory examination on all of the seven essential branches of medicine before receiving a diploma from this School.

#### FEES, REGULATIONS, &c.

The entire expense for a Full Course of Lectures by all the Professors

is .....	\$100 00
Single ticket.....	15 00
Practical Anatomy, by the Demonstrator.....	10 00
Matriculating Fee, payable only once.....	5 00
Examination Fee (not returnable), Primary Branches.....	20 00
Examination Fee (not returnable), Final Branches.....	10 00

No fee for Graduating Expenses.

No charge will be made to matriculants for the courses of Practical Instruction in the Laboratory on Chemistry, Physiology, and Histology, or for Clinical Lectures.

Payment of the fees is required in all cases, and tickets must be taken out at the commencement of the session.

By virtue of a liberal endowment from Mr. W. W. CORCORAN, this College is enabled to offer six free Scholarships, which are under the supervision of the Columbian University. All applicants for the privileges of this endowment must produce a certificate from the President of the University that they have been fitted by previous education for the study of medicine, and must submit themselves to the class examinations and graded course of study. This is the only mode by which any deduction can be made from the regular fees, except that graduates of other accredited Medical Colleges, after five years, are required to matriculate only. Prior to the expiration of five years the fee for a general ticket is \$50.

The degrees are conferred by the authority of the Columbian University, incorporated by act of Congress of the United States of America

The prices of board and all other personal expenses are as reasonable in Washington as in other large cities of the Union.

Students requiring further information are requested to communicate with the Dean of the Faculty.

A. F. A. KING, M. D.,

726 Thirteenth Street, Washington, D. C.



MEDICAL LECTURES IN THE SPRING SESSION OF 1886.

FACULTY.

E. T. FRISTOE, A. M., LL.D.,

W. P. LAWVER, M. D.,

Chemical Analysis.

FRANCIS B. LORING, M. D.,

Diseases of the Eye and Ear.

G. N. ACKER, A. M., M. D.,

Pathological Anatomy.

W. W. GODDING, M. D.,\*

Lecturer on Mental Diseases.

H. C. YARROW, M. D.,

Lecturer on Diseases of the Skin.

ROBERT FLETCHER, M. D., M. R. C. S.,

Lecturer on Medical Jurisprudence.

GEORGE BYRD HARRISON, M. D.,

Lecturer on Diseases of Children.

The Lectures of this Course are given from 6.30 to 8.30 P. M., on Tuesday, Thursday, and Saturday of each week during April and May, and do not conflict with attendance on the clinical instruction given at the various Hospitals and Dispensaries of the City.

A clinic on Diseases of the Eye is conducted by Dr. LORING in the College Building.

\* Superintendent of the Government Hospital for the Insane.



## THE COLUMBIAN COLLEGE.

The regular course of instruction given in this Department is comprised in seven schools, as follows:

I. SCHOOL OF ENGLISH: including English Philology, English Literature, Rhetoric, Logic, Elocution, General History, and Anglo-Saxon.

II. SCHOOL OF GREEK: including the Greek Language and Literature, and the History of Greece.

III. SCHOOL OF LATIN: including the Latin Language and Literature, and the History of Rome.

IV. SCHOOL OF MODERN LANGUAGES: including the French and German Languages and Literatures, with the History of France and Germany.

V. SCHOOL OF MATHEMATICS: including Pure Mathematics, Mechanics and Astronomy.

VI. SCHOOL OF NATURAL SCIENCE: including Physics, Chemistry, and Natural History.

VII. SCHOOL OF PHILOSOPHY: including Mental and Moral Philosophy, Political Philosophy, and the Philosophy of History.

### SCHOOL OF ENGLISH.

PROFESSOR SHUTE.

*Freshman Class.*—Instruction is given in the fundamental principles of style and invention, mainly in their rhetorical, and incidentally in their logical aspects. Instruction is given in elocution and composition; also in the general outlines of English and American History.

Text-books: Whately's Rhetoric; Hill's Science of Rhetoric; Smith's Student's Hume; Eliot's History of the United States.

*Sophomore Class.*—Instruction is given in the principles of pure and applied logic, and application of these principles is required in analyzing and reconstructing ordinary forms of argumentation in select authors. Instruction is also given as to the origin, development, and present powers of the language; also in the biography, times, and works of the best English writers.

Text-books: Jevon's Logic; Hudson's Shakspeare; Lounsbury's English Language; Morley and Tyler's English Literature.

*Junior Class.*—Fowler's Inductive Logic; Welsh's English Literature.

*Senior Class.*—Advanced Studies in Anglo-Saxon Literature (optional). Elocution and Essays throughout the Course.



## SCHOOL OF GREEK.

PROFESSOR HUNTINGTON.

In this School instruction is given in the Greek Language and Literature, and in Greek History. The School embraces four classes: Freshman, Sophomore, Junior, and Senior, with the following text-books:

1. In the Freshman Class: Homer's *Iliad*; Herodotus; Goodwin's and Hadley's Greek Grammar; Boise's Exercises in Greek Syntax; and Smith's History of Greece.

2. In the Sophomore Class: Xenophon's *Memorabilia*; Isocrates or Thucydides; Cebetis *Tabula*, or Selections from the Lyric Poets; Hadley's Greek Grammar; Exercises in Greek Composition.

3. In the Junior Class: Sophocles, Euripides, and Demosthenes.

4. In the Senior Class: Plato.

Lectures are given to the higher classes on Greek Literature.

Frequent exercises are assigned to the classes in rendering into Greek, English translations from Greek authors.

Liddell and Scott's Greek Lexicon; Kühner's Greek Grammar; Goodwin's Greek Moods and Tenses; Findlay's, or Long's, or Ginn and Heath's Classical Atlas; and Smith's Greek and Roman Antiquities are recommended to students in all classes.

## SCHOOL OF LATIN.

PROFESSOR MONTAGUE.

In this School instruction is given in the Latin Language and Literature, and in Roman History. The School embraces four classes: the Freshman, Sophomore, Junior, and Senior, with the following text-books:

1. In the Freshman Class: Ovid; Livy; the Odes of Horace; Bennett's Second Latin Writer; and Leighton's History of Rome.

2. In the Sophomore Class: The Satires and Epistles of Horace; Cicero de Senectute et de Amicitia; Terence's *Andria*; and Bennett's Second Latin Writer.

3. In the Junior Class: Tacitus, Pliny, Juvenal, and Persius; with Original Exercises, and Lectures on Latin Syntax.

4. In the Senior Class: Quintilian, and Original Exercises.

Lectures are given to the higher classes on Roman Literature.

Grammars: Harkness' (text-book), Zumpt's, Gildersleeve's, Allen and Greenough's.

Lexicons: Harper's, or Andrew's; and White's (English-Latin).

Classical Atlas: Ginn and Heath's.

For the Sophomore and Junior Classes, courses of private reading are prescribed.



## SCHOOL OF MODERN LANGUAGES.

PROFESSOR JANUS.

This School is divided into two Departments, the French and the German. In the French Department there are three classes: the Freshman, the Sophomore, and the Junior.

A course of Grammatical instruction, with oral and written exercises, is begun in the Freshman Class. Text-book: Keetel's Collegiate Course.

In the Sophomore Class attention is given to higher grammatical analysis, to French Literature, and especially to Conversation.

In the Junior Class portions of Classical French authors are read in connection with the foregoing exercises.

Candidates for the degree of A. B. write original French Essays during the fourth year of their course.

In the German Department there are three classes: the Freshman, the Sophomore, and the Junior.

Freshman Class: The study of the language is begun in this class.

Students are drilled in the grammatical principles of the language, in Reading and in Conversation.

Text-book: Otto's Conversation Grammar.

Sophomore Class: The Study of the Grammar is continued throughout the year in this class also.

Text-books: The Grammar, and Goethe's Hermann und Dorothea.

Junior Class: Schiller's Jungfrau von Orleans, and Selections from Goethe.

Candidates for the degree of A. B. write original German Essays during the fourth year of their course.

## SCHOOL OF MATHEMATICS.

PROFESSOR GORE.

In this School are taught Pure Mathematics, Mechanics, Astronomy, Calculus of Probabilities, and Least Squares.

There are four classes:

1. The Freshman, in which are taught Algebra, Solid Geometry, Plane and Spherical Trigonometry.

Text-books: Newcomb's and Wentworth's Algebra, Newcomb's Geometry, Wells' Trigonometry.

2. The Sophomore, in which are taught Analytic Geometry, Surveying, and Theory of Equations.

Text-books: Newcomb's Analytic Geometry, Schnyler's Surveying, and Todhunter's Theory of Equations.

3. The Junior, in which are taught Differential and Integral Calculus, Theory of Probabilities, and Least Squares (by lectures).

Text-books: Taylor's Calculus.

4. The Senior, in which are taught Mechanics and Astronomy.

Text-books: Smith's Mechanics, and Newcomb's Astronomy,



## SCHOOL OF NATURAL SCIENCE.

## PROFESSOR FRISTOE.

This School is divided into three classes:

1. The Sophomore, in which are taught the various branches of Experimental Physics, viz: Hydrostatics, Hydrodynamics, Pneumatics, Acoustics, Heat, Light, and Electricity.

Text-books: Silliman's Natural Philosophy; Gage's Physics.

2. The Junior, in which are taught Inorganic and Organic Chemistry, embracing the principles of Chemical Philosophy, the laws of Chemical Combination, the preparation of Elementary and Compound Bodies, the methods of Analysis, Inorganic and Organic, the detection of Poisons and the methods of counteracting their effects.

Text-books: Barker, Fowne, and Attfield.

3. The Senior, in which are taught Natural History and Geology. The instruction under the former head comprises Botany, Zoölogy, and Physiology. In Geology the Physical Characters of the earth as it now exists are first studied, then its History and Changes, and lastly, the Causes that have produced these Changes, and their identity with existing causes.

Text-books: Dana's Mineralogy and Geology.

In this School students who have passed through the class in Chemistry can pursue, at their option, Qualitative and Quantitative Analysis, for which an extra fee will be charged, and also a small charge for materials.

## SCHOOL OF PHILOSOPHY.

## THE PRESIDENT.

The special studies of this School are pursued in two classes, the Junior and the Senior. In the Junior Class the attention of students is directed to the study of Moral Philosophy. The text-book used is Calderwood's Handbook of Moral Philosophy, accompanied with lectures on the history of theoretical ethics, from the days of the Grecian philosophers down to the present time. In this historical review special attention is called to the phases of English speculation under the head of Moral Philosophy, with a critical reference to the main points of controversy from age to age among the exponents of different schools.

In the Senior Class the study of Natural Theology and of Mental Philosophy is pursued under the direction of the President, who also during the current year will serve as acting Professor of Political Philosophy; the latter embracing Political Economy, Constitutional Law of the United States, and the elements of International Law. The text-book used in the study of Natural Theology is Butler's Analogy of Religion and Nature, accompanied with lectures on the more modern aspects of the questions discussed under this head. The text-book used for the purpose of recitation on Mental Philosophy is Porter's Intellectual Science, accompanied with lectures on the history of speculative philosophy and of its leading schools in ancient times, during the Middle Ages, and since the Revival of Learning.



In the study of Political Economy the text-book used is that of Dr. Wayland, as recast by Chapin, with references to the treatises of Adam Smith, Malthus, Bastiat, Carey, Mill, Roscher and others, and with a course of lectures on the history of Political Economy. Cooley's Principles of Constitutional Law, and Gallaudet's Manual of International Law are used as text-books in the study of Political Philosophy.

A course of lectures is also delivered by the President to the Senior Class in this School on History, its sources, methods of study, elements of criticism, &c., beginning with anthropological studies in primitive society and conducting to the chronological overlaps of international history, as seen in the progressive expansion of civilization and culture. At the close of the course is a brief discussion of the Philosophy of History, with special critical references to the systematic ideas of Vico, F. Schlegel, Herder, Fichte, Schelling, Hegel, Bunsen, Guizot, Balmes, Buckle, Draper, and others.



## CONSPECTUS OF STUDIES FOR THE DEGREE OF BACHELOR OF ARTS.

### FRESHMAN STUDIES (FIRST YEAR).

#### FIRST TERM.

- English*.—Rhetoric (Whately's); English History (Student's Hume); Elocution; Essays.
- Greek*.—Homer's Iliad (Boise's or Keep's edition); Boise's Exercises in Greek Syntax; Goodwin's and Hadley's Greek Grammar; Smith's History of Greece.
- Latin*.—Ovid's Metamorphoses (Chase and Stuart's); Livy (Chase and Stuart's); Bennett's Second Latin Writer; Harkness' Latin Grammar.
- Modern Languages*.—French: Keetel's Collegiate Course. Leçons de Littérature Française Classique. Oral and Written Exercises.
- German: Otto's Conversation Grammar.
- Mathematics*.—Synthetic Geometry (Newcomb's); Weekly Original Exercises; Algebra (Wentworth's).

#### SECOND TERM.

- English*.—Hill's Science of Rhetoric; Eliot's History of the United States; Elocution; Essays.
- Greek*.—Herodotus and Thucydides; Goodwin's and Hadley's Grammar and Boise's Exercises continued.
- Latin*.—Horace's Odes (Chase and Stuart's); Bennett's Second Latin Writer; and Harkness' Grammar; Leighton's History of Rome. For reference: Ginn and Heath's Classical Atlas.
- Modern Languages*.—Studies of the First Term continued.
- Mathematics*.—Plane and Spherical Trigonometry (Wells'); Original Problems.

### SOPHOMORE STUDIES (SECOND YEAR).

#### FIRST TERM.

- English*.—Morley and Tyler's English Literature; Lounsbury's English Language; Hudson's Shakespeare; Elocution; Essays.
- Greek*.—Xenophon's Memorabilia (Winan's edition); Cebetis Tabula; or, Selections from the Lyric Poets; Exercises in Greek Composition continued.
- Latin*.—The Satires and Epistles of Horace; Exercises in Latin Composition continued, and Harkness' Grammar.
- Modern Languages*.—French: Grammaire Française (Noël et Chapsal); Sadler's and Williams' Exercises.
- German: Otto's Conversation Grammar; Goethe's Hermann und Dorothea.
- Mathematics*.—Analytical Geometry (Newcomb's); Surveying and Navigation (Schuyler's); Original Exercises.
- Natural Science*.—Physics (Silliman or Gage).



## SECOND TERM.

- English*.—Jevon's Elements of Logic; Anglo-Saxon Manual; Early English; Elocution; Essays.  
*Greek*.—Isocrates, or Thucydides; Exercises in Greek Composition continued.  
*Latin*.—Cicero de Senectute et de Amicitia; Terence, the Andria; Exercises in Latin Composition continued, and Harkness' Grammar.  
*Modern Languages*.—French: Studies of the First Term continued.  
                                           German: " " " " "  
*Mathematics*.—Theory of Equations (Todhunter's).  
*Natural Science*.—Physics (Silliman or Gage).

## JUNIOR STUDIES (THIRD YEAR).

## FIRST TERM.

- English*.—Fowler's Inductive Logic; Welsh's English Literature; Elocution; Essays.  
*Greek*.—Sophocles and Euripides; Lectures on History of Greek Literature; Exercises in Greek Composition.  
*Latin*.—Tacitus; Pliny; Lectures on History of Latin Literature; Original Exercises.  
*Modern Languages*.—French: Molière and Pascal.  
                                           German: Selections from Schiller and Goethe.  
*Mathematics*.—Differential and Integral Calculus (Taylor's); Original Exercises.  
*Natural Science*.—Inorganic Chemistry (Barker's or Attfield's).  
*Philosophy*.—Moral Philosophy (Calderwood's).

## SECOND TERM.

- English*.—Welsh's English Literature; Studies in Contemporaneous Literature; Elocution; Essays.  
*Greek*.—Demosthenes; Lectures and Exercises continued.  
*Latin*.—Juvenal and Persius; Lectures on Latin Syntax; and Original Exercises continued.  
*Modern Languages*.—French: Molière and Pascal; Lectures on French Literature.  
                                           German: Schiller and Goethe; Lectures on German Literature.  
*Mathematics*.—Calculus of Probabilities and Least Squares (Lectures).  
*Natural Science*.—Organic Chemistry (Fowne or Remsen).  
*Philosophy*.—Calderwood's Moral Philosophy; Lectures on History of Moral Philosophy.

## SENIOR STUDIES (FOURTH YEAR).

## FIRST TERM.

- English*.—Essays and Original Orations; Advanced Anglo-Saxon.  
*Greek*.—Plato, and Exercises in Composition.  
*Modern Languages*.—French: Original Essays.  
                                           German: Original Essays.  
*Mathematics*.—Mechanics (Smith).



*Natural Science.*—Physiology (Huxley); and Zoölogy.

*Philosophy*.—Natural Theology (Butler); Intellectual Philosophy (Porter's) begun; Political Philosophy (Cooley); History; Lectures on Sources, Methods of Study, and Principles of Criticism.

## SECOND TERM.

*English*.—Essays and Original Orations; Advanced Anglo-Saxon.

*Latin.*—Quintilian, and Original Exercises.

*Modern Languages.*—French: Original Essays.

German: Original Essays.

*Mathematics*.—Astronomy (Newcomb's).

*Natural Science*.—Geology (Dana's).

*Philosophy*.—Intellectual Philosophy (Porter's) continued; Lectures on History of Philosophy.

Political Philosophy; Wayland's Political Economy and Gallaudet's International Law.

History: Lectures on Philosophy of History.

## ELECTIVE STUDIES.

*Natural Science.*—Qualitative and Quantitative Analysis.



## TIME AND TERMS OF ADMISSION.

The regular examinations for admission to the College are held on the Friday and Saturday immediately preceding the opening of the session. Every applicant is required to deliver to the President testimonials of good moral character; and if he comes from another college he must present a certificate of honorable dismissal.

Candidates for admission to any class of the College must, unless they are graduates of the Preparatory School, sustain an examination in the following elementary studies: Spelling, English Grammar, Geography, Elements of History, and Arithmetic.

Candidates for admission to any school will be examined in all the studies presupposed by the curriculum of that School.

Candidates for admission to the School of English will be admitted to its lowest class on passing a satisfactory examination in the preliminary studies above indicated.

Candidates for admission to the School of Greek in its lowest class, the Freshman, will be examined in Goodwin's or Hadley's Greek Grammar; Goodwin's Greek Reader, or Xenophon's *Anabasis* (first four books); first two books of Homer's *Iliad*; and Jones' Greek Prose Composition.

Candidates for admission to the Freshman class of the School of Latin, will be examined in Harkness' Latin Grammar; four books of *Cæsar's Commentaries*; six of *Cicero's Select Orations*; six books of the *Æneid* of Virgil; Sallust (*Conspiracy of Catiline*); Bennett's *First Latin Exercise Book*, or *First Latin Writer*; and Leighton's *History of Rome* (250 pages).

Candidates for admission to the School of Mathematics, in its lowest class, the Freshman, will be examined in Algebra (to Quadratic Equations) and in the first three books of Geometry.

Real equivalents in quality and amount will be received in place of the books or parts of the books prescribed as above for study preparatory to admission into the Schools of Greek, Latin, and Mathematics.

Candidates for admission to any advanced class in any School, will be examined in all the previous studies of the class which they propose to enter.

Students wishing to pursue a Select Course in any School or Schools will be admitted to the classes for which they may



be found qualified; but an examination in preliminary and indispensable studies will be held in all such cases, and every student pursuing such a course is required to embrace in his selections not less than twelve recitations or lectures per week. The choice of studies embraced in a Select Course must be made immediately upon the commencement of a term, and no student will have leave to make a new choice of studies during any single term.

#### CERTIFICATES AND DIPLOMAS.

The degrees of the College are conferred only on evidence of satisfactory attainments in the studies prescribed for any given degree. The eligibility of candidates for any degree is determined by the quality and the extent of their studies in the several Schools of the College.

I. Certificates of Proficiency are given to students who pass a satisfactory examination on the following studies of the several Schools: In the *First*, on English Literature, History, and Rhetoric; in the *Second*, on the Greek of the Freshman and Sophomore Classes; in the *Third*, on the Latin of the Freshman and Sophomore Classes; in the *Fourth*, on the French or the German Language; in the *Fifth*, on the Mathematics of the Freshman and Sophomore Classes; in the *Sixth*, on the Chemistry of the Junior Class; in the *Seventh*, on Mental or Moral Philosophy.

II. Students who pass a satisfactory examination on all the obligatory studies embraced in any one of the Schools of the College will receive a diploma certifying the fact of their graduation in that School.

#### DEGREES.

I. The degree of Bachelor of Letters is conferred on students who obtain diplomas in the Schools of English, Greek, Latin, Modern Languages, and Philosophy, and who receive a certificate of proficiency in the School of Mathematics or of Natural Science.

II. The degree of Bachelor of Science is conferred on students who obtain diplomas in the Schools of English, Modern Languages, Mathematics, Natural Science, and Philosophy.

III. The degree of Bachelor of Arts is conferred on students who obtain diplomas in any six Schools, and who receive a certificate of proficiency in the residuary School of the entire course.



IV. The degree of Master of Arts is conferred on any student who, after being graduated with the degree of Bachelor of Arts, shall submit an original and satisfactory thesis four weeks before the close of the following scholastic year, as the fruit of certain advanced studies, to be assigned by the Faculty, in any one School, at the option of candidates.

Certificates and diplomas in any School of the College are awarded only at the close of the College year in each School, and after an examination duly had according to the rules of the Institution.

#### EXAMINATIONS.

At the end of each term an examination of all the classes in all the Schools is publicly held in all the studies of that term.

The results of each Term Examination are combined with those of the daily recitations and attendance of the student during the term, in order to ascertain his academic standing at the end of that term.

Each recitation and each examination are graded on a scale of merit from 0 to 100, and a failure to reach the final average grade of 75 in any study is regarded as a failure in that study.

At the close of each College year all the classes in all the Schools are publicly examined in review of all the studies of that year.

The results of the Annual Examinations are combined with those of the Term Examinations, in order to ascertain the student's academic standing at the end of each year.

At the close of the second year of the regular course, prescribed for all the degrees of the College, the Annual Examinations of the Sophomore classes in the several Schools, besides embracing all the studies of that year, will include such studies of the Freshman year as the head of each School may direct. The results of this examination will determine the eligibility of candidates to receive a Certificate of Proficiency at the end of this year in the School of Greek, Latin, or Mathematics, as the condition of attaining in regular course to one or another of the degrees dependent on such proficiency.

A student who fails to pass a satisfactory examination in any study at the end of a College year may present himself for re-examination in that study at the end of the following



year, and in default of doing so shall forfeit promotion with his class in that department.

All examinations which occur at the end of a College year are conducted in writing. Examinations for the degrees of Bachelor of Arts and Master of Arts are concluded four weeks anterior to the date of the Annual Commencement, that time may be given to Professors for the inspection of written examination papers, and to students for the preparation of parts to be performed on Commencement Day by the successful candidates for the degrees of Bachelor and Master of Arts, to whom public parts on that day may be assigned by the Faculty.

#### ANNUAL PRIZES.

Besides the honors and degrees conferred in the regular course, prizes are annually offered as the reward of special excellence in particular branches of study.

The Davis Prizes, for excellence in Elocution, founded by the Hon. Isaac Davis, LL.D., of Massachusetts, consist of two gold medals, and are annually awarded to the two successful competitors, in a public contest held on Commencement Day. These prizes are awarded by a committee whom the Faculty selects for this purpose, and are publicly delivered at the close of the contest.

The Staughton Prize, for excellence in the Latin Language and Literature, and the Elton Prize, for excellence in the Greek Language and Literature, founded by the Rev. Romeo Elton, D. D., of Exeter, England, consist of two gold medals, annually awarded to the best scholar and writer in each of these languages.

The Ruggles Prizes, for excellence in Mathematics, founded by Prof. William Ruggles, LL.D., consist of two gold medals, annually awarded to the best two scholars in the pure and applied Mathematics.

The Given Prize, offered by John T. Given, Esq., of the Board of Trustees, for excellence in Metaphysics, is a gold medal annually awarded to the best student in Mental Philosophy.

Any student entitled to a diploma in any school will be allowed to contend for the prize given in that department, provided he shall have pursued the required number of studies during the year, and shall have passed satisfactory examinations in the same.



## PRIZEMEN FOR THE YEAR 1884-'85.

In the collegiate year of 1884-'85 the following are the names of the students who were the successful contestants for the various prizes:

The Elton Prize in Greek was awarded to EDWARD ROOME, of the District of Columbia.

The Staughton Prize in Latin was awarded to FRANK SUTER, of Virginia.

The Given Prize in Metaphysics was awarded to LEE DAVIS LODGE, of Maryland.

The First Ruggles Prize in Mathematics was awarded to E. EVELETH WINSLOW, of the District of Columbia.

The First Davis Prize in Elocution was awarded to EDWARD S. HOSMER, of the District of Columbia.

The Second Davis Prize in Elocution was awarded to RALEIGH SHERMAN, of the District of Columbia.

The Gold Medal for Excellence in Debate was awarded by the Enosinian Society to RALEIGH SHERMAN, of the District of Columbia.

The Prize for Proficiency in Parliamentary Law, given by Professor Gore, was awarded to HARRY W. SMITH, of the District of Columbia.

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## ORDERS OF THE COLLEGE YEAR.

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### TERMS AND VACATIONS.

The College year, embracing nine months, is divided into two terms. The first term begins on the third Monday in September, and continues to the first of February. The second term begins on the first of February, and ends on the day of the Annual Commencement, which is held on the second Wednesday in June.

A vacation of eight days is given at Christmas, beginning on that holiday, and lasting until the next day after New Year's.

The 22d of February is observed as a College holiday.

A recess is given from Good Friday to Easter Monday inclusive.

### ANNUAL COMMENCEMENT.

The Annual Commencement of the College is held on the second Wednesday in June.

Public parts are assigned on Commencement Day to such students only as have passed a satisfactory examination for the degrees of Bachelor or Master of Arts, except as before indicated, in the case of those who may be contestants for the prize in Elocution.



A Latin Salutatory will be awarded to the graduate in each year whose average standing in all the Schools is the highest; and an English Salutatory to the student who stands second.

The Valedictory is awarded with special regard to the qualifications of the student as a Valedictorian, as well as on the ground of scholarship.

Philosophical, Classical, Scientific, Metaphysical, Ethical, Historical, or Literary Orations may be awarded to students who are eminent respectively in the corresponding Departments.

All the degrees of the College are publicly conferred on Commencement Day.

Diplomas in the Several Schools, and prizes for special excellence in any Department, are publicly delivered on the same day.

#### PUBLIC WORSHIP.

Prayers, accompanied by the reading of the Scriptures, are offered daily in the College Chapel. All students are expected to attend this service.

#### LIBRARY HOURS.

The College Library will be open for the distribution of books, as also for purposes of consultation and inquiry, on such days and under such regulations as the Faculty may direct at the beginning of each year.

The Libraries of Congress and of the various Departments of the Federal Government are accessible to students for purposes of research in any special line of studies.

#### LITERARY SOCIETY.

The Enosinian Society, a literary association formed by the students of the College, meets weekly in its hall for the purpose of improvement in Debate and Composition.

#### LECTURES.

Courses of lectures in various departments of Science, Art, and Literature are open to the attendance of students, not only in the College, but in connection with various Associations, national and local, devoted to general culture at the



Capital of the country, and furnishing peculiar facilities for information and improvement in every branch of liberal learning.

#### GENERAL ORDERS.

Every student on entering the College is understood by that act to come under a pledge that he will obey the rules and regulations prescribed by the Board of Trustees and Overseers, and by the Faculty acting under the authority of the Board.

A pamphlet copy of the laws of the College will be furnished to every student on his admission.

A merit roll of conduct is kept, and demerits are given for unexcused absences and for violation of College laws. When any student has received one hundred such marks during any one term, or one hundred and fifty during any one year, he may be required to leave the Institution.

A report of the student's standing in all his studies, including a record of all absence from lectures, recitations, or other public exercises of the College, will be rendered quarterly to parents or guardians.

The daily recitations of the College Classes are brought, as far as practicable, into the early portion of the day, closing generally at 2.30 o'clock P. M., and on Saturday at 11 o'clock A. M. The advantages of an attendance upon the debates of Congress, and upon lectures before various associations, are thus offered to students of the higher classes without detriment to proficiency in their studies.

#### COLLEGE EXPENSES.

1. Admission Fee (paid but once, on entrance).....	\$10 00
2. Tuition for the year in three or more Schools.....	90 00
3. Tuition for the year in two Schools.....	70 00
4. Tuition for the year in one School.....	50 00

These charges cover all expenses, including public fuel, servants' wages, &c.

Bills are payable semi-annually, in advance.

The College provides no commons, but board may be procured in the city at such reasonable rates that the annual expenses of a student need not exceed the sum of three hundred dollars.



## SCHOLARSHIPS.

The Kendall Scholarship, founded by the late Hon. Amos Kendall, and running for six years, two in the Preparatory School and four in the College, is annually conferred on the best scholar in the public High School. Students on this foundation pay semi-annually in advance a fee of eight dollars for public fuel, servants' wages, &c.



### THE CORCORAN SCIENTIFIC SCHOOL.

The School of Science established by the Trustees and Overseers of the Columbian University, as a part of their University system of education, is called by the name of W. W. CORCORAN, in respect for his exalted character and in grateful recollection of his many benefactions to the University.

The exercises of the School begin on the first Tuesday in October, 1886, and are held in the new University Building (southeast corner of Fifteenth and H streets), which has been constructed with special reference to the wants of the department.

Provision is made in the Corcoran Scientific School for general and for special courses in study.

The General Courses embrace schemes of studies in Literature, Science and Technology, leading respectively to the degree of Bachelor of Science, of Civil Engineer, Mechanical Engineer, Mining Engineer, &c., according to the scope and quality of the studies prescribed for each degree.

Under the head of Special Courses of Study, whether considered with reference to single studies or to arts embracing with specific studies a certain component part of the General Course, provision is made for instruction in Practical Astronomy, Geodesy, Electrical Engineering, Architecture, Analytical Chemistry in all its branches, Metallurgy, Assaying, Drawing in all its branches, &c., &c.

In pursuit of this plan, instruction is offered by the Corcoran Scientific School in the following branches:

I. The English Language and Literature, embracing Rhetoric, Logic, History, &c.

II. The French and the German Languages, studied with special reference to speaking them and reading them at sight.

III. Mathematics, embracing Algebra, Geometry, Analytical Geometry, Shades, Shadows and Perspective, Descriptive Geometry, Differential and Integral Calculus.

IV. Physics, embracing Mechanics, Statics, Dynamics, Hydro-Dynamics, Electricity, Electrical Engineering, Magnetism, Light, Heat, Acoustics, &c.

V. Chemistry, embracing Chemical Physics, General



Chemistry, Analytical Chemistry, Industrial Chemistry, Assaying, Metallurgy, &c.

VI. Civil Engineering, embracing Construction of Roads, Canals, Bridges, Geodetic Surveying, Surveys of Harbors, Rivers, Water Supplies, Sewerage, Drainage, Strength of Materials, &c., &c.

VII. Mining Engineering, embracing specific studies with component parts of foregoing studies.

VIII. Astronomy, Theoretical and Practical, embracing Lectures on History, Methods and Results.

IX. Geology in all its branches, including Physical Geography and Mineralogy.

X. Biology, including Botany, Zoölogy, Physiology and Anthropology.

XI. Architecture, Ancient and Modern, its History and Methods, Drawing, &c.

XII. Philosophy, embracing Mental and Moral Philosophy, Political Economy, Constitutional and International Law.

Degrees, Diplomas, and Certificates of Proficiency, according to the scope and quality of the studies pursued, are awarded in the foregoing branches to students passing a satisfactory examination in the number of studies prescribed respectively for such Degrees, Diplomas or Certificates.

To accommodate students engaged in the Executive Departments, or in other office work, the exercises of the School are held in the evening, from 6 to 10 o'clock.

#### SYNOPSIS OF THE GENERAL COURSE OF STUDY FOR THE DEGREE OF BACHELOR OF SCIENCE.

##### FIRST YEAR.

###### FIRST TERM.

Algebra completed.  
Geometry completed.  
French.  
German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry, Inorganic (Lectures).

###### SECOND TERM.

Plane and Spherical Trigonometry.  
Surveying and Mensuration.  
French.  
German.  
Rhetoric.  
English Language.  
Mechanical Drawing.  
Chemistry, Inorganic and Organic  
(Lectures).



SECOND YEAR.	
FIRST TERM.	SECOND TERM.
Analytical Geometry.	Differential Calculus.
Physics (Lectures).	Physics (Lectures).
Mechanics.	Mechanics.
French.	Inductive Logic.
German.	English Literature.
Deductive Logic.	Dissertations.
Dissertations.	French.
English Literature.	German.
Mineralogy.	Mineralogy.
Botany.	Botany.

THIRD YEAR.	
FIRST TERM.	SECOND TERM.
Integral Calculus.	Integral Calculus.
Astronomy.	Astronomy.
History.	History.
French and German.	French and German.
Geology.	Geology.
Meteorology.	Meteorology.
Zoölogy.	Zoölogy.
Topographical Drawing.	Topographical Drawing.

FOURTH YEAR.	
FIRST TERM.	SECOND TERM.
General Astronomy.	General Astronomy.
Mental and Moral Philosophy.	Mental and Moral Philosophy.
Constitutional History.	International Law.
Anthropology.	Advanced French and German.
Advanced French and German.	Industrial Chemistry (Lectures).
Industrial Chemistry (Lectures).	

In addition to the foregoing General Course for the degree of Bachelor of Science, separate courses are arranged in Chemistry, Physics, Electrical Engineering, Civil Engineering, Mining Engineering, Metallurgy, and Architecture, which embrace technical instruction in these branches, while including certain related portions of the General Course, and students completing any one of these courses will receive the corresponding degree.

The separate courses in Civil Engineering and in Chemistry are as follows:

#### COURSE IN CIVIL ENGINEERING FOR THE DEGREE OF CIVIL ENGINEER.

FIRST YEAR.	
FIRST TERM.	SECOND TERM.
Algebra completed.	Plane and Spherical* Trigonometry.
Geometry completed.	Surveying and Mensuration.
French.	French.



German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

## SECOND YEAR.

## FIRST TERM.

Analytical Geometry.  
Physics (Lectures).  
Mechanics.  
French or German.  
English Literature.  
History.  
Dissertations.  
Mineralogy.  
Botany.

## SECOND TERM.

Differential Calculus.  
Descriptive Geometry and Graphics.  
French or German.  
Physics (Lectures).  
Mechanics.  
English Literature.  
Dissertations.  
History.  
Mineralogy.  
Botany.

## THIRD YEAR.

## FIRST TERM.

Integral Calculus.  
Railroad Surveying.  
Topographical Drawing.  
Strength of Materials.  
Descriptive Astronomy.  
Geology.  
French or German.  
Logic.

## SECOND TERM.

Integral Calculus.  
Engineering.  
Theory of Machines.  
Drawing (Construction of Machines).  
Excavations, &c.  
History of Astronomy.  
Geology.  
French or German.

## FOURTH YEAR.

## FIRST TERM.

General Astronomy.  
Machines and Motors.  
Engineering { Hydraulic.  
                  { Sanitary.  
                  { Coast and Harbors.  
Geodesy.  
Use of Plane Table.  
Strength of Materials.  
Metallurgy (Iron and Steel).  
Practice in Design.

## SECOND TERM.

General Astronomy.  
Principles of Construction.  
Study of Actual Works.  
Engineering { Hydraulic.  
                  { Sanitary.  
                  { Coast and Harbors.  
Strength of Materials.  
Building Materials.  
Specifications.  
Contracts.

COURSE IN CHEMISTRY OR METALLURGY FOR THE DEGREE  
OF BACHELOR OF SCIENCE.

## FIRST YEAR.

## FIRST TERM.

Algebra completed.  
Geometry completed.  
French.  
German.  
Rhetoric.  
English Language.

## SECOND TERM.

Plane and Spherical Trigonometry.  
Surveying and Mensuration.  
French.  
German.  
Rhetoric.  
English Language.



Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

Dissertations.  
Mechanical Drawing.  
Chemistry.

## SECOND YEAR.

## FIRST TERM.

Qualitative Analysis.  
Physics (Lectures).  
Mineralogy.  
English or French or German.

## SECOND TERM.

Qualitative Analysis.  
Physics (Lectures).  
Mineralogy.  
English or French or German.

## THIRD YEAR.

## FIRST TERM.

Quantitative Analysis.  
Volumetric Analysis.  
Astronomy.  
Geology.  
Meteorology.

## SECOND TERM.

Quantitative Analysis.  
Volumetric Analysis.  
Astronomy.  
Geology.  
Meteorology.

## FOURTH YEAR.

## FIRST TERM.

Industrial Chemistry.  
Organic Analysis.  
Assaying.  
Metallurgy of Iron, Copper, Lead,  
Silver, Gold, &c.  
General Metallurgy (Lectures).  
Construction of Furnaces (Lectures).

## SECOND TERM.

Industrial Chemistry.  
Organic Analysis.  
Assaying.  
Metallurgy.  
Machines used in Metallurgy.  
Building Materials.

A conspectus of studies, with the recitation hours or lecture hours appointed for each study, is announced at the opening of each year.

## REQUIREMENTS FOR ADMISSION.

Candidates for the degree of Bachelor of Science, Civil Engineer, or other full degree of the schools, must have a good knowledge of Arithmetic in all its branches, of Geography as taught in the best schools, English Grammar, Orthography and Composition, Algebra through Quadratic Equations, and Geometry through Plane Geometry.

In the case of students aiming to secure special proficiency in some single branch of Technology, the requirements for admission will be less comprehensive, but no student will be admitted to any class without a competent knowledge of the English studies above mentioned.

No student will be admitted to any class until after matriculation, that is, until after first reporting his name to the President or the Dean of the Faculty, passing the preliminary



examination, and receiving the Certificate of the Financial Agent that the required tuition fees have been paid.

#### GRADUATE STUDIES.

If a sufficient number of students shall apply for instruction in advanced studies, leading to the degree of Master of Science or Doctor of Science, arrangements will be made for them, as well as for graduate practice and original research in the laboratories.

#### ANNUAL TUITION FEES.

For the full course of studies (not including Laboratory Courses) prescribed for any one year, leading to the degree of Bachelor of Science,

Civil Engineer, &c .....	\$90 00
For single courses of study in English Language and Literature.....	30 00
Mathematics .....	30 00
Modern Languages .....	30 00
Mental and Moral Science. ....	30 00
General Chemistry .....	30 00
General Physics.....	30 00
Mechanical Drawing.....	30 00
Topographical Drawing.....	30 00

The studies in the Chemical Laboratory will embrace three courses:

I.—Qualitative Analysis, embracing a well-arranged course of Chemical Manipulations, and a systematic course of analysis, extending through one year.....	\$100 00
For Chemicals used.....	25 00
Deposit (returnable) for apparatus injured.....	25 00
II.—Quantitative Analysis, embracing Volumetric Analysis and other special methods, extending through one year.....	100 00
For Chemicals used.....	25 00
Deposit (returnable) for apparatus injured.....	25 00
III.—Assaying of Ores and Bullion.....	40 00
For Materials used.....	20 00
Students wishing to take a short course of one term in Chemical Manipulation will be charged.....	30 00
For Chemicals used.....	10 00
Deposit (returnable).....	10 00
For special laboratory work in connection with Physics, an additional charge is made of.....	50 00
For special laboratory work in Mineralogy.....	50 00

For special technical instruction in Electrical Engineering,



Microscopy, Blowpipe Analysis, Architecture, Meteorology, Drawing, &c., the tuition fees will be announced at the opening of the term, and will be determined, in part, by the number of students.

All fees for full courses, or for courses in Analytical Chemistry and Assaying, are payable in monthly instalments, in advance. Fees for single or for special studies are payable in advance in half-yearly instalments. No deduction on account of absence will be made for any less time than a quarter of the year.

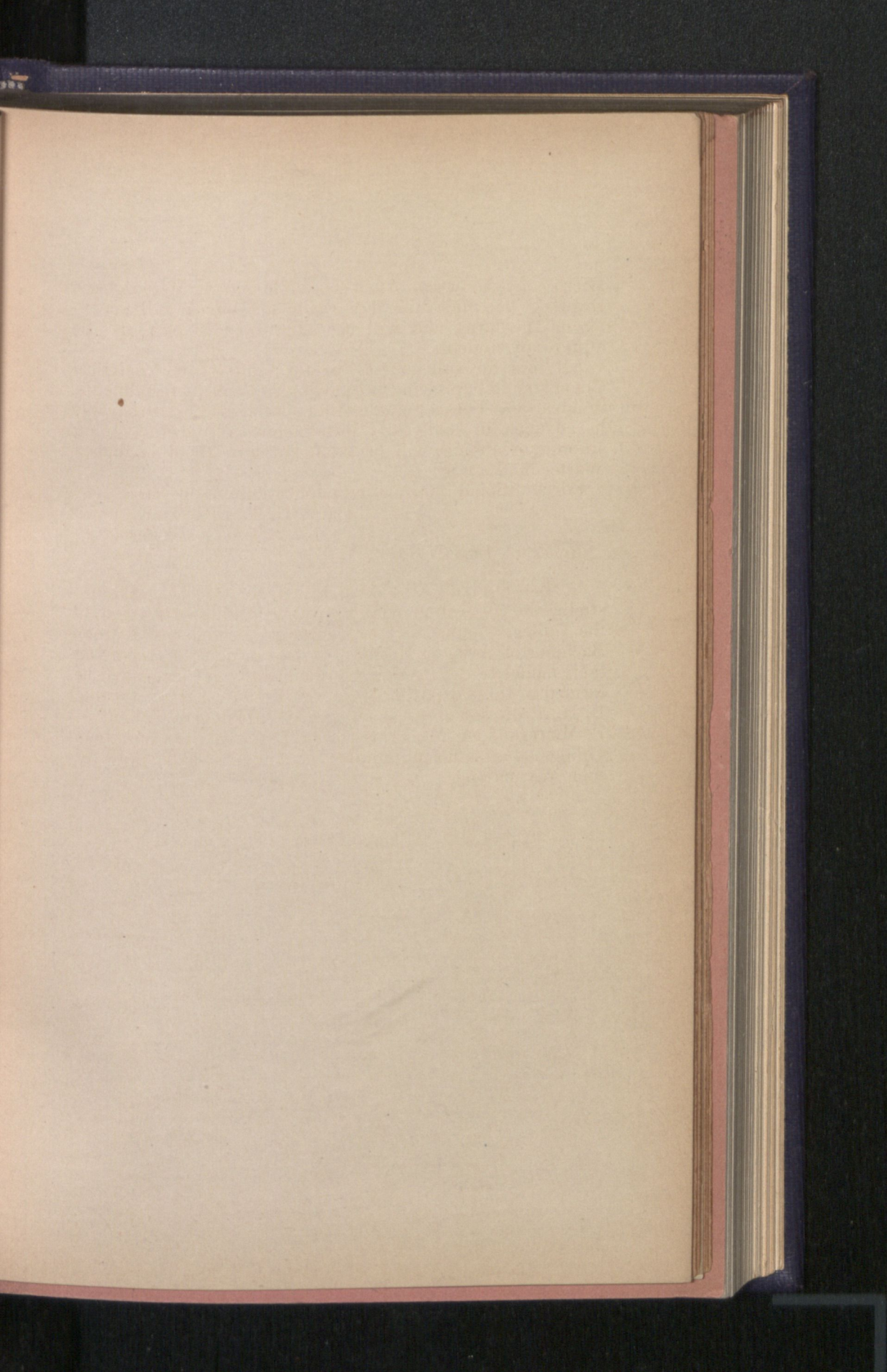
For additional information, application may be made to  
 PROF. E. T. FRISTOE,

*Dean of the Faculty.*

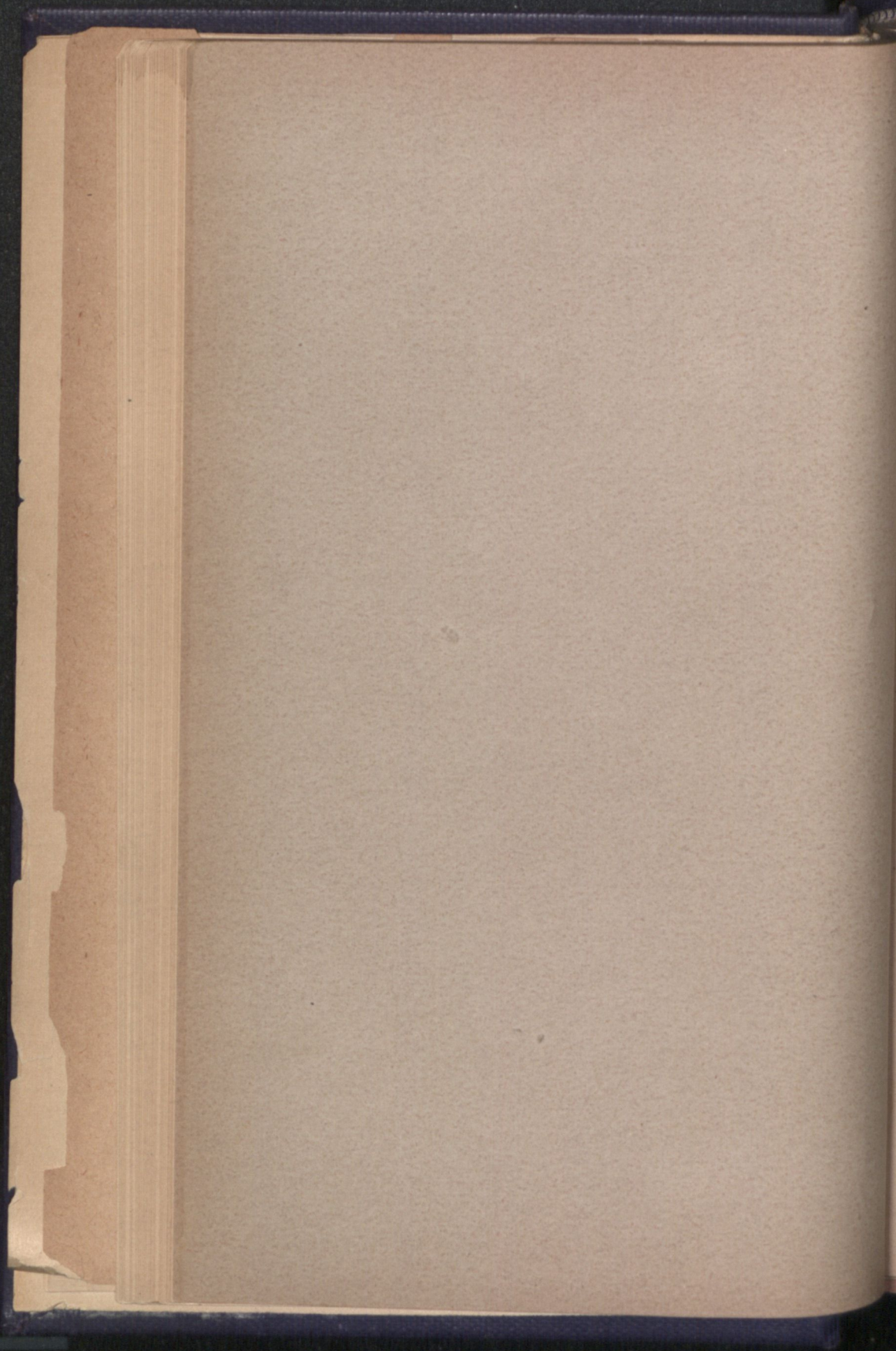
*Residence, 1434 N Street, N. W.*

N. B.—Students who wish to pursue Greek and Latin studies in connection with the other studies prescribed in the College Course for the degree of Bachelor of Letters, Bachelor of Arts, or Master of Arts, can do so on reporting their names to the President of the Faculty. Classes will be formed in these departments by the REV. A. J. HUNTINGTON, D. D., Professor of Greek in the Columbian College, and A. P. MONTAGUE, A. M., Professor of Latin in the Columbian College, if a sufficient number of students shall apply for such instruction.











CATALOGUE

OF THE

LAW SCHOOL

OF

THE COLUMBIAN UNIVERSITY,

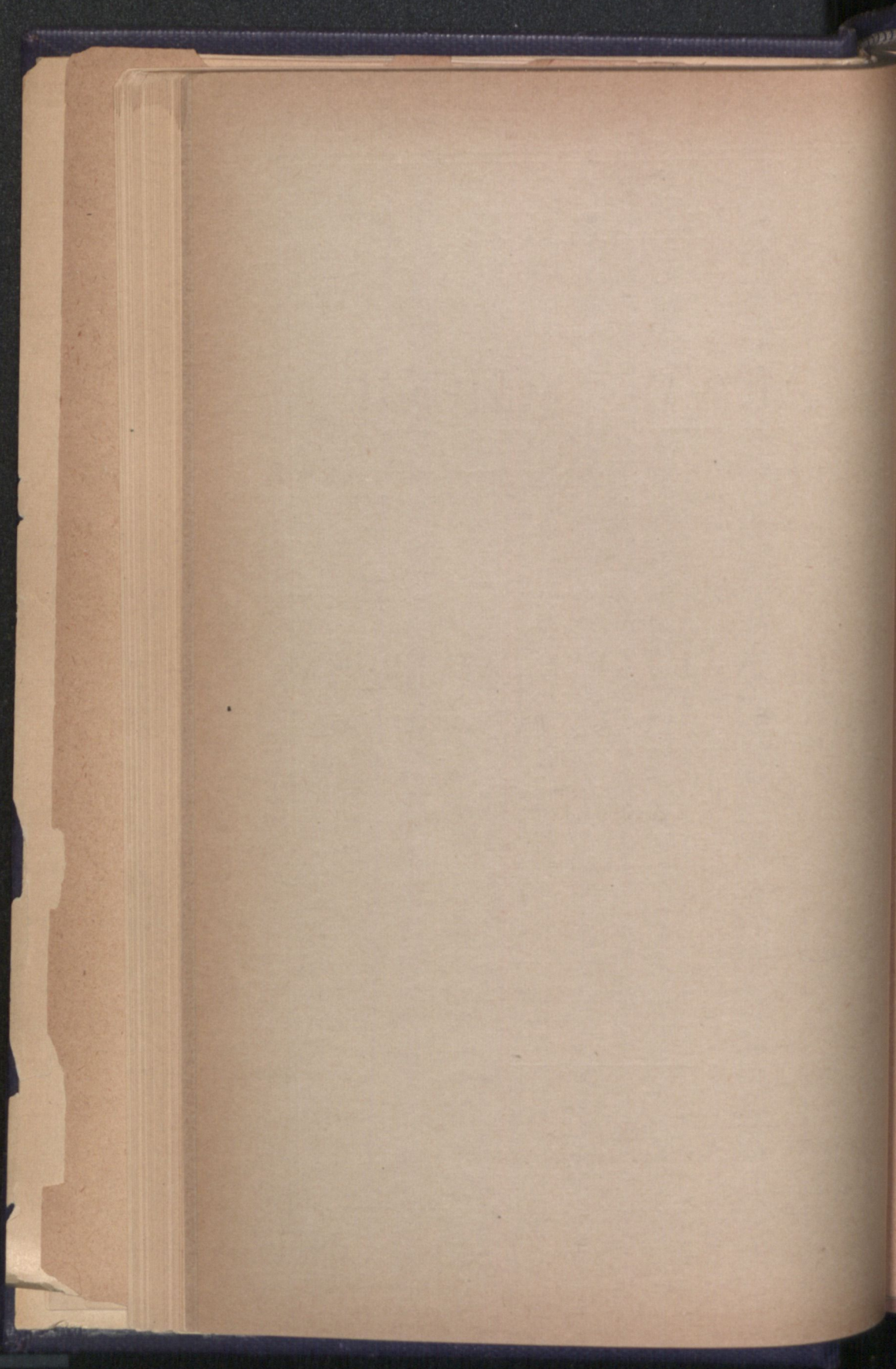
WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR 1885-'86.

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WASHINGTON:  
RUFUS H. DARBY, PRINTER, 432 NINTH STREET.  
1886.







# CATALOGUE

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# LAW SCHOOL

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WASHINGTON, D. C.,

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## THE LAW FACULTY.

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JAMES C. WELLING, LL.D.,  
PRESIDENT.

THE HON. WALTER S. COX, LL.D.,  
Professor of the Law of Real and Personal Property, of Contracts, and of Crimes and  
Misdemeanors.

THE HON. WILLIAM A. MAURY, LL.D.,  
Professor of Equity Jurisprudence, of Common Law and Equity Pleading, of the Law  
of Evidence, and the Law of Partnership.

THE HON. WILLIAM STRONG, LL.D.,  
Lecturer on Constitutional Law.

GEORGE F. APPLEBY, Esq.,  
Associate Professor of Practice and Judge of Moot Court.

THE HON. FRANCIS WHARTON, LL.D.,  
Lecturer on Criminal Law.

ROBERT C. FOX, LL.D.,  
Treasurer.



## LAW SCHOOL.

The Law School of the Columbian University is held in the University Building, situated on the southeast corner of Fifteenth and H streets.

### ADMISSION.

The course of study is adapted to graduates of colleges, and to any who have attained a competent discipline of their mental powers. All, however, who desire are admitted to the recitations and lectures of the School, it being understood that their graduation will depend on their success in mastering the daily exercises and in passing the final examinations. No one is admitted as a candidate for graduation in the Senior Class who has not spent one year either at this or some other Law School, or performed a corresponding amount of study under some approved attorney.

### SESSIONS.

The entire course of study in the undergraduate department embraces two years. The annual session begins on the first Wednesday in October and ends on the Tuesday next before the second Wednesday in June. The exercises of the School begin daily at 6 o'clock P. M., giving to students the entire day for study, for reading in the public libraries, and for attending the several courts of the Capital, and at the same time enabling young men engaged in office duties to avail themselves of the facilities of the School.

### COURSE OF INSTRUCTION.

The School has three classes, a Junior and a Senior in the undergraduate department, and a Graduate Class in Practice.

#### *Junior Class.*

#### PROF. COX.

The instructor of the Junior Class, aiming to secure for his pupils as thorough and accurate a knowledge of the law of *real and personal property, of contracts and of crimes and misdemeanors*, as it is possible for them to attain within the brief period of a scholastic year, places in their hands, successively, *Blackstone's Commentaries, Kent's Commentaries, Par-*



*sons on Contracts*, and *Bylcs on Bills*, as text-books to be carefully read and studied. He meets the class on Monday, Wednesday, and Friday of each week. For each meeting a lesson of moderate length is assigned, and the lesson for the evening forms the subject of his lecture. In his lecture he reviews, illustrates, and simplifies, as far as he can, the teachings of the lesson, shows how far, and in what particulars, the law contained in it has been repealed or modified, either by English or American statutes, or by the American common law; and tries to remove the doubts and uncertainties that are apt to trouble and perplex those entering for the first time upon the study of law. And to insure a careful reading of the lesson, and proper attention to his lecture, he, at the close of the latter, questions the class upon the important points of each; and, by his catechetical analysis, reproduces and impresses upon the memories of his pupils the teachings of both lesson and lecture.

#### *The Senior Class.*

PROF. MAURY.

The students of the Senior Class meet the Professor charged with their especial instruction on Tuesday, Thursday, and Saturday of each week, and while pursuing the special studies of the Senior course are required to attend the recitations and lectures of the Junior year, that they may be thoroughly grounded in the law of real and personal property and of contracts.

The special studies of the Senior year begin with Common Law Pleading, in which *Stephen on Pleading*, as edited by Tyler, is used as the text-book of the class. Next follow instructions on the Law of Evidence, with the first volume of *Greenleaf on Evidence* as a manual. To these succeed instructions in Equity Jurisprudence and Equity Pleading and Practice—*Smith's Manual of Equity*, and *Mitford and Tyler's Pleadings and Practice in Equity* being the text-books used under these heads. The closing part of the course is occupied with the *Law of Partnership* considered in itself and in its relations to remedies afforded in Courts of Equity. And because of their especial character, lectures are given on the Remedies, Ejectments, Quo Warranto, Scire Facias, and Mandamus, as also lectures, by way of review, on Pleading and on Evidence, delivered at the close of the whole course.

The method of instruction pursued in this class is as fol-



lows: A lesson comprising a certain number of pages in the text-book is assigned to the class, and on the subject-matter of this lesson the Professor at his next meeting lectures according to the requirements of the case. At the next meeting he examines the class on the text and lecture of the preceding meeting—using for this purpose carefully written questions, and calling up indiscriminately the members of the class. In this way the students are trained to reproduce with readiness and accuracy the principles they have learned both from the text-books and the Lectures of the Professor.

#### SPECIAL FACILITIES.

The City of Washington furnishes special facilities for the law student as well as for the general scholar. The unequalled collection of the Congressional Library is open during seven hours of each day to all who wish to examine any authority, or to take notes from any book of reference, ancient or modern. Besides the local courts, both of criminal and civil jurisdiction, the sessions of the Supreme Court are valuable for practical instruction to students. In addition to these, the discussions on patent law, the deliberations of the Court of Claims, and the debates on constitutional and international law in the Halls of Congress, form a combination of facilities open to persons desirous of general improvement.

#### EXAMINATION AND GRADUATION.

All candidates for graduation are required to pass a general examination, at the end of the course, on all the studies of the two years, in the presence of the Faculty and of such committee as the Trustees of the University may appoint. This examination is conducted upon printed questions, which are answered by each student in writing.

The degree of Bachelor of Laws is granted to students who, having passed both years of the prescribed course in the School, or who, on presenting credentials of equivalent study in some law college or office, and passing one year in the School, shall sustain satisfactory examination in all the studies of both the Junior and Senior classes.

The time spent in the Law School of the University is counted as part of the period of study required for admission to the bar of the Supreme Court of the District of Columbia.



## PRIZES.

Three prizes, one of forty dollars, one of thirty dollars, and one of twenty dollars, are annually given to the respective authors of the best three essays among all those handed in by such members of the Senior class as shall compete for them, and shall pass a successful examination for the degree of Bachelor of Laws. An additional prize, a copy of the new edition of *Smith's Leading Cases* in four volumes, is offered during the current year by the courtesy of Messrs. T. & J. W. Johnson & Co., law publishers of Philadelphia, Pa. All prizes are awarded by the regular professors of the School.

## COMMENCEMENT.

The degrees are publicly conferred, and the prizes publicly delivered at the Annual Commencement of the Law Department, when, in connection with other appropriate exercises, an address is delivered to the graduating class by an eminent member of the bar whom they may have selected for that purpose.

## EXPENSES.

The entire charge for tuition, lectures, and all the facilities of the School, is *eighty dollars* for a single year, or *one hundred and fifty dollars* for two scholastic years, payable in advance, half yearly, or in monthly instalments at the option of students. Students who devote three years or more to the preparation for graduation may have this privilege by the payment of *two hundred dollars* for the entire course. If a student shall, for any cause, intermit the studies of either his first or his second year at any point before graduation, the payments he may have made during either or both of these years will not work exemption from the regular monthly dues of any subsequent year on which he may attend the School; but it shall always be open to him to profit by the benefits of the three years' rule. A charge of *two dollars* is made for diplomas. Students from abroad can secure board at prices as reasonable as in any other city.

Graduates of the School are admitted to all lectures of the undergraduate course in subsequent years without charge.



## Graduate Course in Practice.

The Graduate course of instruction in Common Law Practice and in Equity Pleadings and Practice, designed to show the application of the principles of law to the transactions of business life and to the actual proceedings of courts, is conducted by Professors COX, MAURY and APPLEBY as a supplement to the undergraduate course of the Law School.

In the Common Law Branch the students use a work on Practice prepared by Professor COX, after which they are exercised in the conduct and trial of causes, and thus taught to apply their theoretical learning in pleadings, practice and evidence. In connection with this course, it is intended that they shall also study some such work as *Archibald's Law of Nisi Prius*. During more than half the term the exercises are those of a Nisi Prius Moot Court, over which Professor APPLEBY presides.

In the Equity Branch the students will be instructed by Prof. MAURY in the general principles of equity pleadings, and in the mode of conducting an equity case. The textbook employed will be *Mitford and Tyler's Equity Pleadings and Practice*.

Candidates for admission to the Graduate course will be required to furnish evidence that they have been diligent and successful students of law for the term of two years. Diplomas of respectable law schools, certifying that their holders have been graduated after such a term of study, will be received as evidence of qualification for admission to the course. At the end of the course all such students who shall sustain a satisfactory examination in its instructions and exercises will be entitled to a diploma admitting them to the degree of Master of Laws. Students who have pursued a two-years' term of study in a lawyer's office will also be admitted to the course, on presenting a certificate of the fact from a lawyer under whose direction they may have studied; but such students, if aspiring to the degree of Master of Laws, will be required, as the condition of receiving it, to sustain a satisfactory examination for the degree of Bachelor of Laws as well as for the degree of Master of Laws.



The tuition fee for this course, covering a period of nine months, is *twenty-five dollars*. It does not carry with it the privilege of attending the Lectures of the undergraduate course, except in the case of students who are graduates of the School.

#### LECTURES ON CONSTITUTIONAL LAW.

A course of Lectures on Constitutional Law is delivered to the students of the School by the Hon. WILLIAM STRONG, LL.D., sometime Associate Justice of the Supreme Court of the United States. In this course, after a history of the origin and formation of the Constitution of the United States, the principles of Constitutional interpretation are briefly inculcated, in connection with an outline sketch of the leading doctrines to which those principles have led in the conduct of the Government and under the exposition of the Supreme Court of the United States.

The course is open to all the classes of the School.

#### LECTURES ON CRIMINAL LAW.

A course of Lectures on Criminal Law is delivered by the Hon. FRANCIS WHARTON, LL.D., Solicitor of the Department of State, and author of the standard treatises on Criminal Law, on Criminal Evidence, and on Criminal Pleadings and Practice. In this course it is proposed to discuss the general principles on which Criminal Law rests; the classification of crimes; the nature of such crimes as are the subjects of common prosecutions; the mode in which criminal prosecutions are conducted; and the evidence which in such prosecutions is received. A lecture is also devoted to the international relations of crime, and a lecture on extradition.

The course is open to all the classes of the School.



## STUDENTS OF LAW.

## GRADUATE CLASS IN PRACTICE.

JOHN H. ADRIAANS .....	District of Columbia.
JAMES P. BABCOCK.....	New York.
M. B. BAILEY.....	Illinois.
JOHN A. BLEVINS.....	Missouri.
E. S. CASSIN.....	Maryland.
JOHN E. CLARKE.....	District of Columbia.
R. W. DUTTON .....	District of Columbia.
H. J. FINLEY.....	District of Columbia.
F. M. HARSHBERGER.....	Pennsylvania.
JOHN M. KILLITS .....	Ohio.
THOMAS T. KNOX.....	Tennessee.
F. H. KELLER.....	Pennsylvania.
GEORGE J. MECHLING.....	Pennsylvania.
GUION MILLER.....	Maryland.
J. F. MOORE.....	Ohio.
BALLARD MORRIS.....	District of Columbia.
J. S. MCCALLUM.....	District of Columbia.
A. T. MCCALLUM .....	District of Columbia.
F. L. MARSHALL, JR.....	Virginia.
W. P. METCALF.....	District of Columbia.
W. B. NORRIS.....	District of Columbia.
FRANK A. NUTE.....	Wisconsin.
WILLIAM M. OFFLEY.....	New York.
E. H. PATTERSON.....	Massachusetts.
WALTER B. PATTERSON.....	New Hampshire.
F. A. PEASE.....	Massachusetts.
GREEN B. RAUM, JR .....	Illinois.
JOHN RAUM.....	Illinois.
WM. B. ROBISON.....	District of Columbia.
S. A. SHIPMAN.....	Kansas.
BRUCE SIMMONS.....	Virginia.
GEORGE M. SMITH.....	District of Columbia.
J. H. SPALDING.....	District of Columbia.
FRED. E. TASKER.....	District of Columbia.
ALVAN T. TRACY.....	Connecticut.
A. M. TILLMAN.....	Tennessee.
WILLIAM W. TOWNSEND.....	District of Columbia.
T. M. WILKES.....	South Carolina.
W. F. WARRINER.....	Connecticut.

GRADUATE STUDENTS.....39.



## UNDERGRADUATE STUDENTS OF LAW.

## SENIORS.

J. W. G. ATKINS.....	Arkansas.
J. S. BARKER.....	District of Columbia.
CHARLES BENDHEIM.....	Virginia.
C. P. BOURNE.....	Minnesota.
WILLARD S CAMPBELL.....	West Virginia.
S. R. CHURCH.....	District of Columbia.
FRED F. CHURCH.....	District of Columbia.
MYER COHEN.....	District of Columbia.
A. W. CONLEE.....	Nebraska.
C. S. CLARK.....	Massachusetts.
H. V. COOK.....	Pennsylvania.
JOHN T. DOYLE.....	Connecticut.
THOMAS DURANT.....	District of Columbia.
OTTO G. ECKSTEIN.....	District of Columbia.
A. P. GREELEY.....	New Hampshire.
W. B. GREELEY.....	New Hampshire.
A. B. HALL.....	District of Columbia.
I. H. HOWELL.....	Illinois.
F. R. HUBACHEK.....	Wisconsin.
LEE HUTCHINS.....	New Hampshire.
R. L. JOHNS.....	Minnesota.
W. H. JACKSON.....	Tennessee.
F. H. KELLER.....	Pennsylvania.
Q. E. C. KENDALL.....	Massachusetts.
W. P. KINNEY.....	Massachusetts.
GEORGE KOEHLER.....	Illinois.
GRAFTON MASON.....	District of Columbia.
ALBERT J. MYER.....	District of Columbia.
F. D. MCKENNEY.....	District of Columbia.
L. W. NAYLOR.....	Wisconsin.
PICKENS NEAGLE.....	South Carolina.
G. L. PRYOR.....	Virginia.
T. A. ROBBINS.....	Wisconsin.
W. S. ROUDEBUSH.....	Mississippi.
J. M. SPROWLS.....	Iowa.
ALEXANDER S. STEUART.....	District of Columbia.
HENRY C. STEWART, JR.....	District of Columbia.
JOHN S. STEWART.....	Texas.



N. S. STOCKWELL .....	Illinois.
A. T. STOUTENBURGH .....	New Jersey.
CHARLES E. SUMNER .....	Michigan.
FRED. E. TASKER .....	District of Columbia.
A. M. TILLMAN .....	Tennessee.
A. H. VAN DEUSEN .....	New York.
ORLANDO G. WALES .....	Pennsylvania.
E. T. WALKER .....	District of Columbia.
J. S. WHITEHOUSE .....	Pennsylvania.
HENRY C. WOOD .....	Pennsylvania.
F. B. YOUNG .....	New Jersey.

SENIORS ..... 49



## JUNIORS.

J. H. ADAMS.....	District of Columbia.
L. S. ANDERSON .....	Arkansas.
W. SPENCER ARMSTRONG.....	District of Columbia.
R. B. BAGBY.....	Indiana.
W. B. BENHAM .....	New York.
G. R. BLODGETT.....	Maine.
S. I. BRADLEY.....	Connecticut.
ALEXANDER BRITTEN.....	District of Columbia.
BEDFORD BROWN.....	Illinois.
J. A. CASE.....	Michigan.
W. G. CARR.....	New Hampshire.
J. B. CHAMBERLAIN.....	Massachusetts.
T. S. CLARK.....	District of Columbia.
R. STUART COLEMAN.....	Virginia.
T. H. CORNETT.....	Virginia.
J. B. CRALLE.....	Virginia.
F. B. CROSTHWAITE.....	Michigan.
H. H. CUSHING.....	Michigan.
E. S. DAVIS.....	District of Columbia.
T. B. DAPRAY.....	District of Columbia.
F. E. DAVID.....	District of Columbia.
S. H. DENT.....	District of Columbia.
C. B. DILLER.....	Ohio.
JACOB L. DOTY.....	New York.
CHARLES S. DOMER.....	Pennsylvania.
W. E. DYRE.....	Ohio.
GEORGE M. ECKES.....	Illinois.
JOHN C. EDWARDS.....	District of Columbia.
GEORGE P. EUSTIS.....	District of Columbia.
GEORGE O. EVANS.....	New Hampshire.
ROBERT L. FENWICK.....	District of Columbia.
GEORGE M. FINCKEL.....	District of Columbia.
CHARLES A. FROST.....	Massachusetts.
S. HERBERT GIESY.....	Pennsylvania.
C. J. GROSECLOSE.....	Virginia.
JOHN B. GOODE.....	Virginia.
D. L. GRAYSON.....	District of Columbia.
THEODORE H. GREENE.....	Mississippi.
F. M. HAMILTON.....	Indiana.
N. C. HARPER.....	District of Columbia.



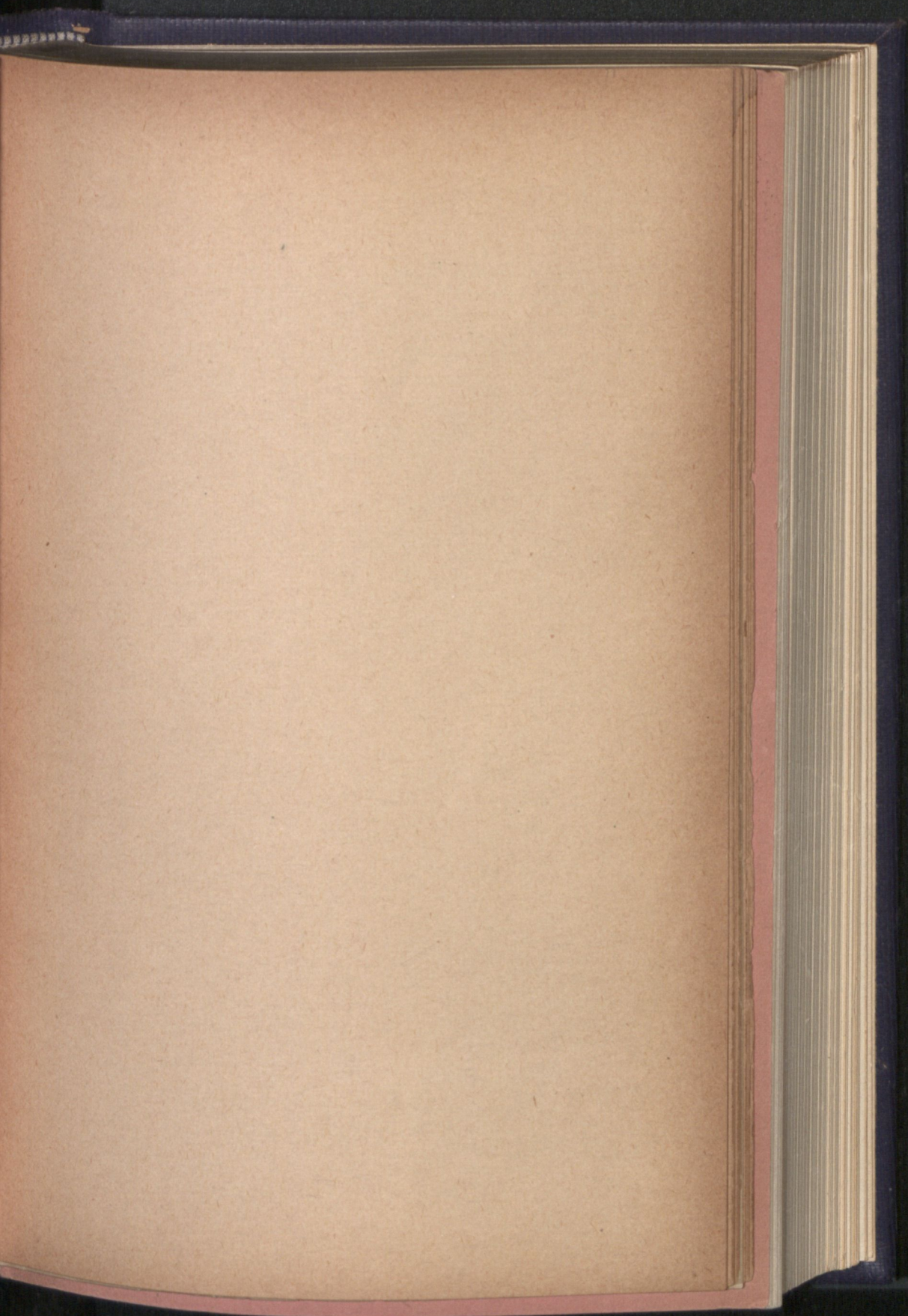
RICHARD W. HAWORTH.....	Pennsylvania.
A. T. HOLTZMAN.....	Virginia.
H. R. HEDRICK.....	Iowa.
I. H. HIMES.....	Illinois.
W. D. HOOVER.....	District of Columbia.
R. C. HYATT.....	District of Columbia.
S. G. HOPKINS.....	District of Columbia.
JOSEPH H. HUNTER.....	Indiana.
W. H. HUSTON.....	Iowa.
H. L. IHMSEN.....	Pennsylvania.
R. L. JOHNS.....	Minnesota.
H. C. KENNEDY.....	District of Columbia.
W. R. KENNEDY.....	District of Columbia.
GUY W. MALLON.....	Ohio.
CHARLES D. MERWIN.....	Louisiana.
J. R. MILLER.....	Pennsylvania.
PAUL J. MISCHÉAUX.....	South Carolina.
HIRAM E. MITCHELL.....	Oregon.
FRED. M. P. MONTAGUE.....	District of Columbia.
H. B. MORSE.....	Illinois.
R. D. MURRAY.....	District of Columbia.
F. P. McLEAN.....	California.
WM. McNEIR.....	District of Columbia.
EDWIN NAUCK.....	District of Columbia.
A. F. DE NOGUEIRAS.....	District of Columbia.
H. G. OSBORNE.....	North Carolina.
W. C. PRENTISS.....	District of Columbia.
INGRAM A. PHIPPS.....	Indiana.
H. W. PRICE.....	District of Columbia.
H. C. RADFORD.....	District of Columbia.
D. C. REINOHLE.....	Pennsylvania.
W. N. SAYRE.....	New York.
JACOB J. SCHEFFLER.....	Pennsylvania.
L. G. SCHULTZ.....	New Jersey.
RALEIGH SHERMAN.....	Maryland.
A. W. SHUNK.....	Pennsylvania.
J. B. SHILEY.....	New York.
C. W. SIMPSON.....	District of Columbia.
CARROLL W. SMITH.....	District of Columbia.
HARRY W. SMITH.....	District of Columbia.
K. D. SMITH.....	District of Columbia.
FRANK H. STEPHENS.....	Ohio.
ALONZO H. STEWART.....	Iowa.
H. R. STREET.....	California.
MICHAEL J. SULLIVAN.....	District of Columbia.
WICK TAYLER.....	Ohio.



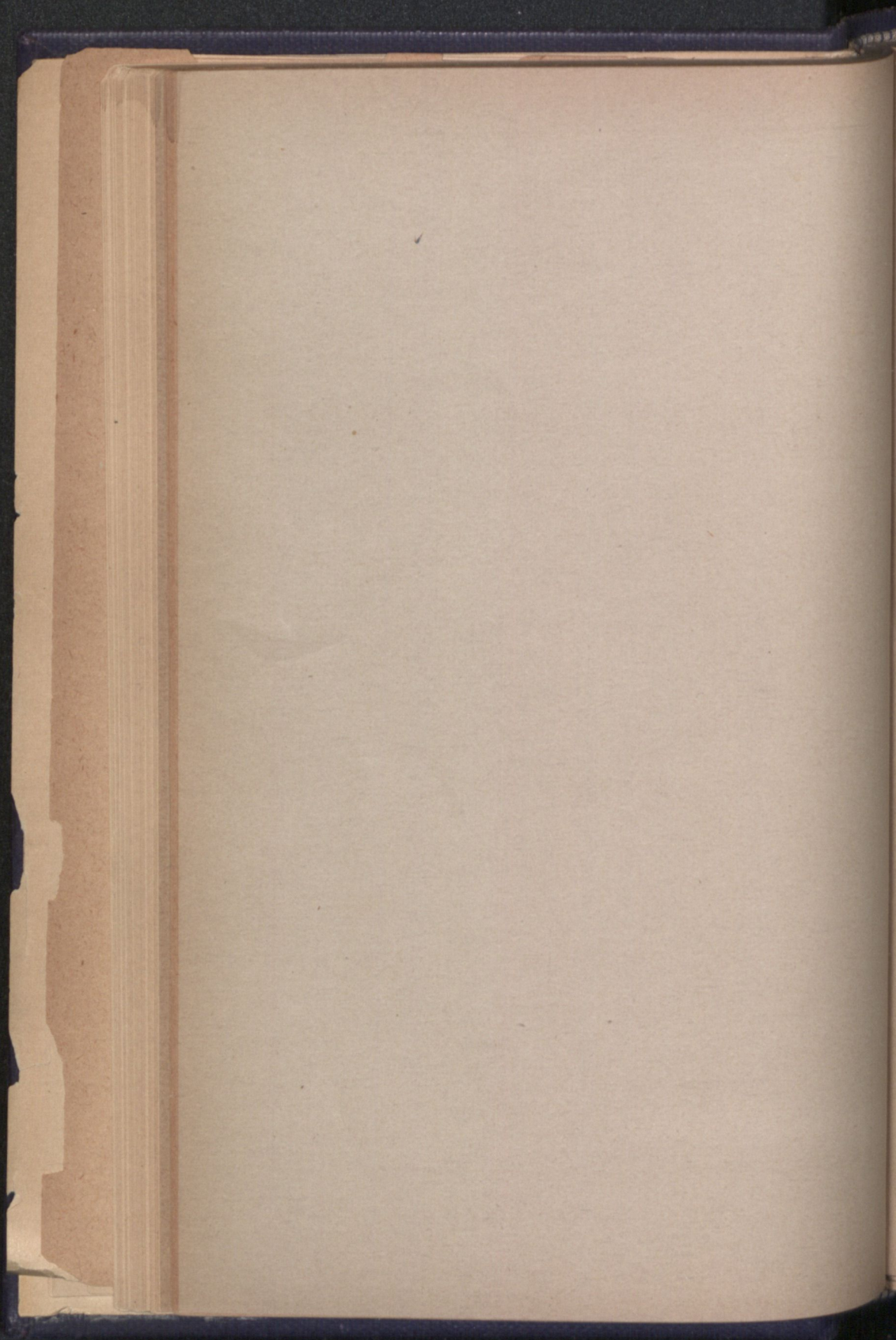
THEO. TALLMADGE.....	Ohio.
G. W. TITCOMB.....	Maine.
E. G. THOMPSON.....	District of Columbia..
LOUIS L. WATERS.....	New York.
SPENCER WARD.....	District of Columbia.
J. BRUCE WEBB.....	New York.
E. S. WESCOTT.....	New Jersey.
JOHN T. WILLIAMS.....	Ohio.
S. LOUIS WILLSON.....	New York. *
S. J. WILSON.....	District of Columbia..
H. F. WOODARD.....	
MARCUS WRIGHT.....	Tennessee.

JUNIORS.....98











CATALOGUE  
OF THE  
CORCORAN SCIENTIFIC SCHOOL  
OF  
THE COLUMBIAN UNIVERSITY,

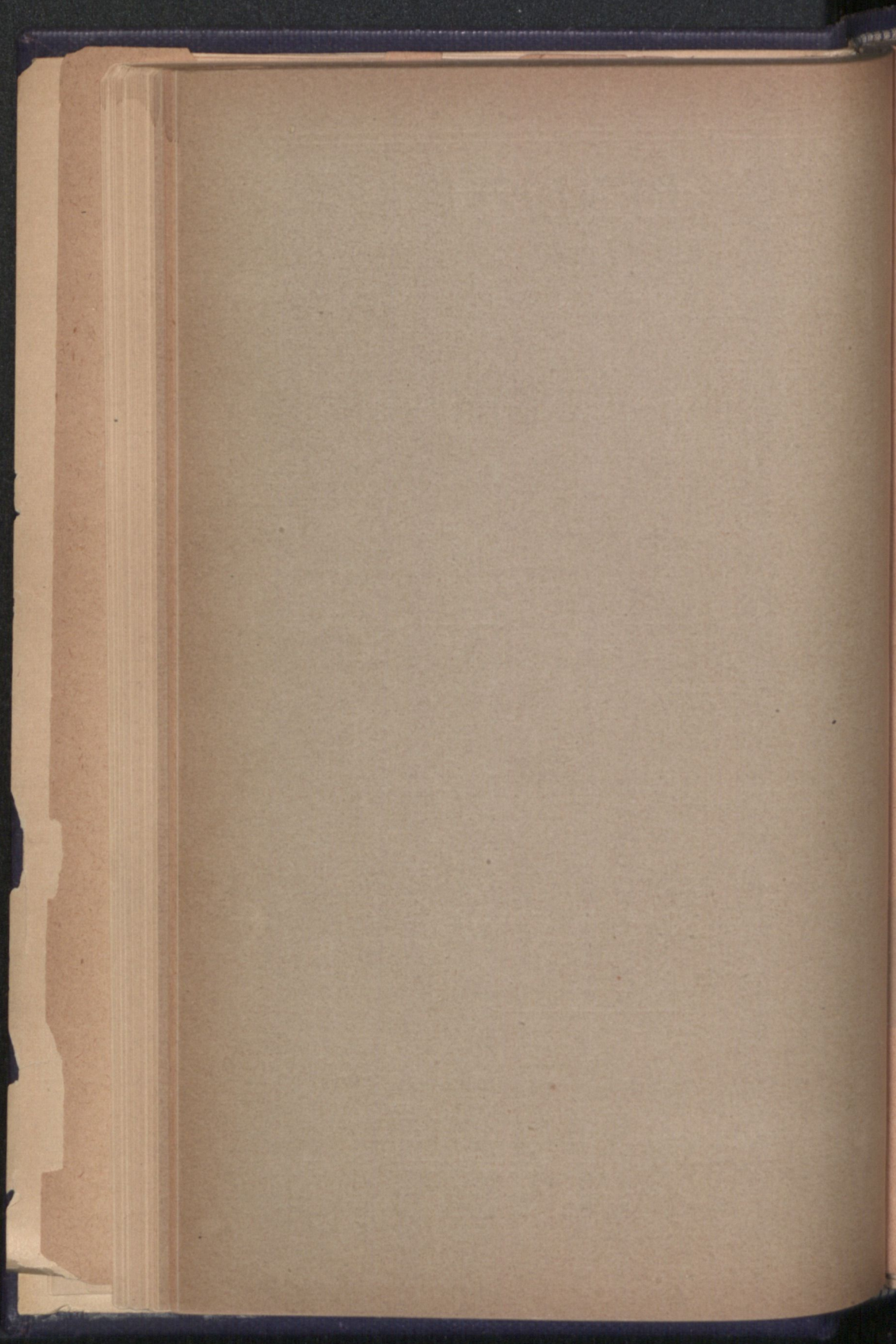
WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR 1885-'86.

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1886.







# CATALOGUE

OF THE

## CORCORAN SCIENTIFIC SCHOOL

OF

## THE COLUMBIAN UNIVERSITY,

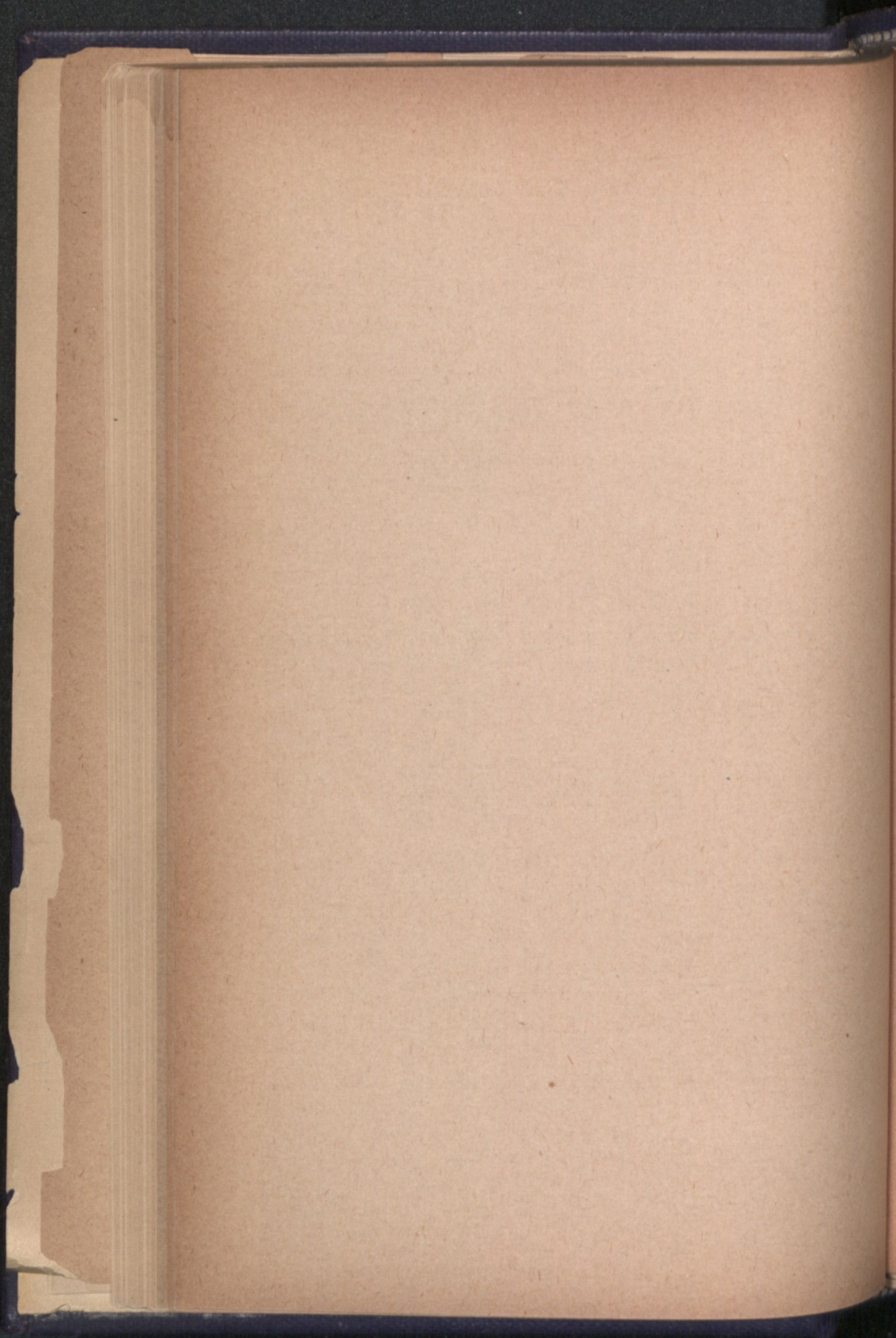
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1886.







## THE SCIENTIFIC FACULTY.

---

JAMES C. WELLING, LL.D.,

PRESIDENT.

EDWARD T. FRISTOE, A. M., LL.D.,

Professor of General and Analytical Chemistry, and Dean of the Faculty.

THE REV. A. J. HUNTINGTON, D. D.,

Professor of Mental and Moral Philosophy.

THE REV. SAMUEL M. SHUTE, D. D.,

Professor of English Language and Literature.

J. HOWARD GORE, B. S.,

Professor of Mathematics and Geodesy.

ANTHONY H. JANUS,

Professor of French and German Languages.

SIMON NEWCOMB, S. D., LL.D.,

Professor of Astronomy.

WILLIAM HALLOCK, PH. D.,

Professor of Physics.

---

Professor of Civil Engineering.

LESTER F. WARD, A. M.,

Professor of Botany.

THEODORE N. GILL, M. D., PH. D.

Professor of Zoology.

T. C. CHAMBERLAIN, A. M.,

Professor of Geology.

OTIS T. MASON, A. M., PH. D.,

Professor of Anthropology.

WILLIAM M. POINDEXTER,

Professor of Architecture.

CLEVELAND ABBE, A. M.,

Professor of Meteorology.

EDWARD M. SHAEFFER, M. D.

Instructor in Microscopy.



WILLIAM S. YEATES, A. M.,  
Instructor in Determinative Mineralogy.

W. P. LAWVER, M. D.,  
Instructor in Metallurgy and Assaying.

HOWARD L. HODGKINS, A. M.,  
Adjunct Professor in Mathematics.

HARRY KING,  
Professor of Mechanical and Topographical Drawing.

D. KERFOOT SHUTE, M. D.,  
Assistant Instructor in Microscopy.

GUSTAV BISSING,  
Lecturer on Differential Equations.

ROBERT C. FOX, LL.D.,  
Treasurer.



## THE CORCORAN SCIENTIFIC SCHOOL.

---

The School of Science established by the Trustees and Overseers of the Columbian University, as a part of their University system of education, is called by the name of W. W. CORCORAN, in respect for his exalted character and in grateful recollection of his many benefactions to the University.

The exercises of the School begin on the first Tuesday in October, 1886, and are held in the new University Building (southeast corner of Fifteenth and H streets), which has been constructed with special reference to the wants of the department.

Provision is made in the Corcoran Scientific School for general and for special courses in study.

The General Courses embrace schemes of studies in Literature, Science and Technology, leading respectively to the degree of Bachelor of Science, of Civil Engineer, Mechanical Engineer, Mining Engineer, &c., according to the scope and quality of the studies prescribed for each degree.

Under the head of Special Courses of Study, whether considered with reference to single studies or to arts embracing with specific studies a certain component part of the General Course, provision is made for instruction in Practical Astronomy, Geodesy, Electrical Engineering, Architecture, Analytical Chemistry in all its branches, Metallurgy, Assaying, Drawing in all its branches, &c., &c.

In pursuit of this plan, instruction is offered by the Corcoran Scientific School in the following branches:

I. The English Language and Literature, embracing Rhetoric, Logic, History, &c.

II. The French and the German Languages, studied with special reference to speaking them and reading them at sight.

III. Mathematics, embracing Algebra, Geometry, Analytical Geometry, Shades, Shadows and Perspective, Descriptive Geometry, Differential and Integral Calculus.

IV. Physics, embracing Mechanics, Statics, Dynamics, Hydro-Dynamics, Electricity, Electrical Engineering, Magnetism, Light, Heat, Acoustics, &c.

V. Chemistry, embracing Chemical Physics, General



Chemistry, Analytical Chemistry, Industrial Chemistry, Assaying, Metallurgy, &c.

VI. Civil Engineering, embracing Construction of Roads, Canals, Bridges, Geodetic Surveying, Surveys of Harbors, Rivers, Water Supplies, Sewerage, Drainage, Strength of Materials, &c., &c.

VII. Mining Engineering, embracing specific studies with component parts of foregoing studies.

VIII. Astronomy, Theoretical and Practical, embracing Lectures on History, Methods and Results.

IX. Geology in all its branches, including Physical Geography and Mineralogy.

X. Biology, including Botany, Zoölogy, Physiology and Anthropology.

XI. Architecture, Ancient and Modern, its History and Methods, Drawing, &c.

XII. Philosophy, embracing Mental and Moral Philosophy, Political Economy, Constitutional and International Law.

Degrees, Diplomas, and Certificates of Proficiency, according to the scope and quality of the studies pursued, are awarded in the foregoing branches to students passing a satisfactory examination in the number of studies prescribed respectively for such Degrees, Diplomas or Certificates.

To accommodate students engaged in the Executive Departments, or in other office work, the exercises of the School are held in the evening, from 6 to 10 o'clock.

#### SYNOPSIS OF THE GENERAL COURSE OF STUDY FOR THE DEGREE OF BACHELOR OF SCIENCE.

##### FIRST YEAR.

###### FIRST TERM.

Algebra completed.  
Geometry completed.  
French.  
German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry, Inorganic (Lectures).

###### SECOND TERM.

Plane and Spherical Trigonometry.  
Surveying and Mensuration.  
French.  
German.  
Rhetoric.  
English Language.  
Mechanical Drawing.  
Chemistry, Inorganic and Organic (Lectures).



## SECOND YEAR.

## FIRST TERM.

Analytical Geometry.  
 Physics (Lectures).  
 Mechanics.  
 French.  
 German.  
 Deductive Logic.  
 Dissertations.  
 English Literature.  
 Mineralogy.  
 Botany.

## SECOND TERM.

Differential Calculus.  
 Physics (Lectures).  
 Mechanics.  
 Inductive Logic.  
 English Literature.  
 Dissertations.  
 French.  
 German.  
 Mineralogy.  
 Botany.

## THIRD YEAR.

## FIRST TERM.

Integral Calculus.  
 Astronomy.  
 History.  
 French and German.  
 Geology.  
 Meteorology.  
 Zoölogy.  
 Topographical Drawing.

## SECOND TERM.

Integral Calculus.  
 Astronomy.  
 History.  
 French and German.  
 Geology.  
 Meteorology.  
 Zoölogy.  
 Topographical Drawing.

## FOURTH YEAR.

## FIRST TERM.

General Astronomy.  
 Mental and Moral Philosophy.  
 Constitutional History.  
 Anthropology.  
 Advanced French and German.  
 Industrial Chemistry (Lectures).

## SECOND TERM.

General Astronomy.  
 Mental and Moral Philosophy.  
 International Law.  
 Advanced French and German.  
 Industrial Chemistry (Lectures).

In addition to the foregoing General Course for the degree of Bachelor of Science, separate courses are arranged in Chemistry, Physics, Electrical Engineering, Civil Engineering, Mining Engineering, Metallurgy, and Architecture, which embrace technical instruction in these branches, while including certain related portions of the General Course, and students completing any one of these courses will receive the corresponding degree.

The separate courses in Civil Engineering and in Chemistry are as follows:

## COURSE IN CIVIL ENGINEERING FOR THE DEGREE OF CIVIL ENGINEER.

## FIRST YEAR.

## FIRST TERM.

Algebra completed.  
 Geometry completed.  
 French.

## SECOND TERM.

Plane and Spherical Trigonometry.  
 Surveying and Mensuration.  
 French.



German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

German.  
Rhetoric.  
English Language.  
Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

## FIRST TERM.

Analytical Geometry.  
Physics (Lectures).  
Mechanics.  
French or German.  
English Literature.  
History.  
Dissertations.  
Mineralogy.  
Botany.

## SECOND YEAR.

## SECOND TERM.

Differential Calculus.  
Descriptive Geometry and Graphics.  
French or German.  
Physics (Lectures).  
Mechanics.  
English Literature.  
Dissertations.  
History.  
Mineralogy.  
Botany.

## FIRST TERM.

Integral Calculus.  
Railroad Surveying.  
Topographical Drawing.  
Strength of Materials.  
Descriptive Astronomy.  
Geology.  
French or German.  
Logic.

## THIRD YEAR.

## SECOND TERM.

Integral Calculus.  
Engineering.  
Theory of Machines.  
Drawing (Construction of Machines).  
Excavations, &c.  
History of Astronomy.  
Geology.  
French or German.

## FOURTH YEAR.

## FIRST TERM.

General Astronomy.  
Machines and Motors.  
Engineering { Hydraulic.  
Sanitary.  
Coast and Harbors.  
Geodesy.  
Use of Plane Table.  
Strength of Materials.  
Metallurgy (Iron and Steel).  
Practice in Design.

## SECOND TERM.

General Astronomy.  
Principles of Construction.  
Study of Actual Works.  
Engineering { Hydraulic.  
Sanitary.  
Coast and Harbors.  
Strength of Materials.  
Building Materials.  
Specifications.  
Contracts.

COURSE IN CHEMISTRY OR METALLURGY FOR THE DEGREE  
OF BACHELOR OF SCIENCE.

## FIRST YEAR.

## FIRST TERM.

Algebra completed.  
Geometry completed.  
French.  
German.  
Rhetoric.  
English Language.

## SECOND TERM.

Plane and Spherical Trigonometry.  
Surveying and Mensuration.  
French.  
German.  
Rhetoric.  
English Language.



Dissertations.  
Mechanical Drawing.  
Chemistry (Lectures).

Dissertations.  
Mechanical Drawing.  
Chemistry.

## SECOND YEAR.

## FIRST TERM.

Qualitative Analysis.  
Physics (Lectures).  
Mineralogy.  
English or French or German.

## SECOND TERM.

Qualitative Analysis.  
Physics (Lectures).  
Mineralogy.  
English or French or German.

## THIRD YEAR.

## FIRST TERM.

Quantitative Analysis.  
Volumetric Analysis.  
Astronomy.  
Geology.  
Meteorology.

## SECOND TERM.

Quantitative Analysis.  
Volumetric Analysis.  
Astronomy.  
Geology.  
Meteorology.

## FOURTH YEAR.

## FIRST TERM.

Industrial Chemistry.  
Organic Analysis.  
Assaying.  
Metallurgy of Iron, Copper, Lead,  
Silver, Gold, &c.  
General Metallurgy (Lectures).  
Construction of Furnaces (Lectures).

## SECOND TERM.

Industrial Chemistry.  
Organic Analysis.  
Assaying.  
Metallurgy.  
Machines used in Metallurgy.  
Building Materials.

A conspectus of studies, with the recitation hours or lecture hours appointed for each study, is announced at the opening of each year.

## REQUIREMENTS FOR ADMISSION.

Candidates for the degree of Bachelor of Science, Civil Engineer, or other full degree of the schools, must have a good knowledge of Arithmetic in all its branches, of Geography as taught in the best schools, English Grammar, Orthography and Composition, Algebra through Quadratic Equations, and Geometry through Plane Geometry.

In the case of students aiming to secure special proficiency in some single branch of Technology, the requirements for admission will be less comprehensive, but no student will be admitted to any class without a competent knowledge of the English studies above mentioned.

No student will be admitted to any class until after matriculation, that is, until after first reporting his name to the President or the Dean of the Faculty, passing the preliminary



examination, and receiving the Certificate of the Financial Agent that the required tuition fees have been paid.

#### GRADUATE STUDIES.

If a sufficient number of students shall apply for instruction in advanced studies, leading to the degree of Master of Science or Doctor of Science, arrangements will be made for them, as well as for graduate practice and original research in the laboratories.

#### ANNUAL TUITION FEES.

For the full course of studies (not including Laboratory Courses) prescribed for any one year, leading to the degree of Bachelor of Science,

Civil Engineer, &c .....	\$90 00
For single courses of study in English Language and Literature.....	30 00
Mathematics .....	30 00
Modern Languages.....	30 00
Mental and Moral Science. ....	30 00
General Chemistry.....	30 00
General Physics .....	30 00
Mechanical Drawing.....	30 00
Topographical Drawing.....	30 00

The studies in the Chemical Laboratory will embrace three courses :

I.—Qualitative Analysis, embracing a well-arranged course of Chemical Manipulations, and a systematic course of analysis, extending through one year.....	\$100 00
For Chemicals used.....	25 00
Deposit (returnable) for apparatus injured.....	25 00
II.—Quantitative Analysis, embracing Volumetric Analysis and other special methods, extending through one year.....	100 00
For Chemicals used.....	25 00
Deposit (returnable) for apparatus injured.....	25 00
III.—Assaying of Ores and Bullion.....	40 00
For Materials used.....	20 00
Students wishing to take a short course of one term in Chemical Manipulation will be charged .....	30 00
For Chemicals used.....	10 00
Deposit (returnable).....	10 00
For special laboratory work in connection with Physics, an additional charge is made of.....	50 00
For special laboratory work in Mineralogy.....	50 00

For special technical instruction in Electrical Engineering,



Microscopy, Blowpipe Analysis, Architecture, Meteorology, Drawing, &c., the tuition fees will be announced at the opening of the term, and will be determined, in part, by the number of students.

All fees for full courses, or for courses in Analytical Chemistry and Assaying, are payable in monthly instalments, in advance. Fees for single or for special studies are payable in advance in half-yearly instalments. No deduction on account of absence will be made for any less time than a quarter of a year.

For additional information, application may be made to

PROF. E. T. FRISTOE,

*Dean of the Faculty.*

*Residence, 1434 N Street N. W.*

N. B.—Students who wish to pursue Greek and Latin studies in connection with the other studies prescribed in the College Course for the degree of Bachelor of Letters, Bachelor of Arts, or Master of Arts, can do so on reporting their names to the President of the Faculty. Classes will be formed in these departments by the REV. A. J. HUNTINGTON, D. D., Professor of Greek in the Columbian College, and A. P. MONTAGUE, A. M., Professor of Latin in the Columbian College, if a sufficient number of students shall apply for such instruction.



## THE CORCORAN SCIENTIFIC SCHOOL.

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### STUDENTS IN SCIENCE AND TECHNOLOGY.

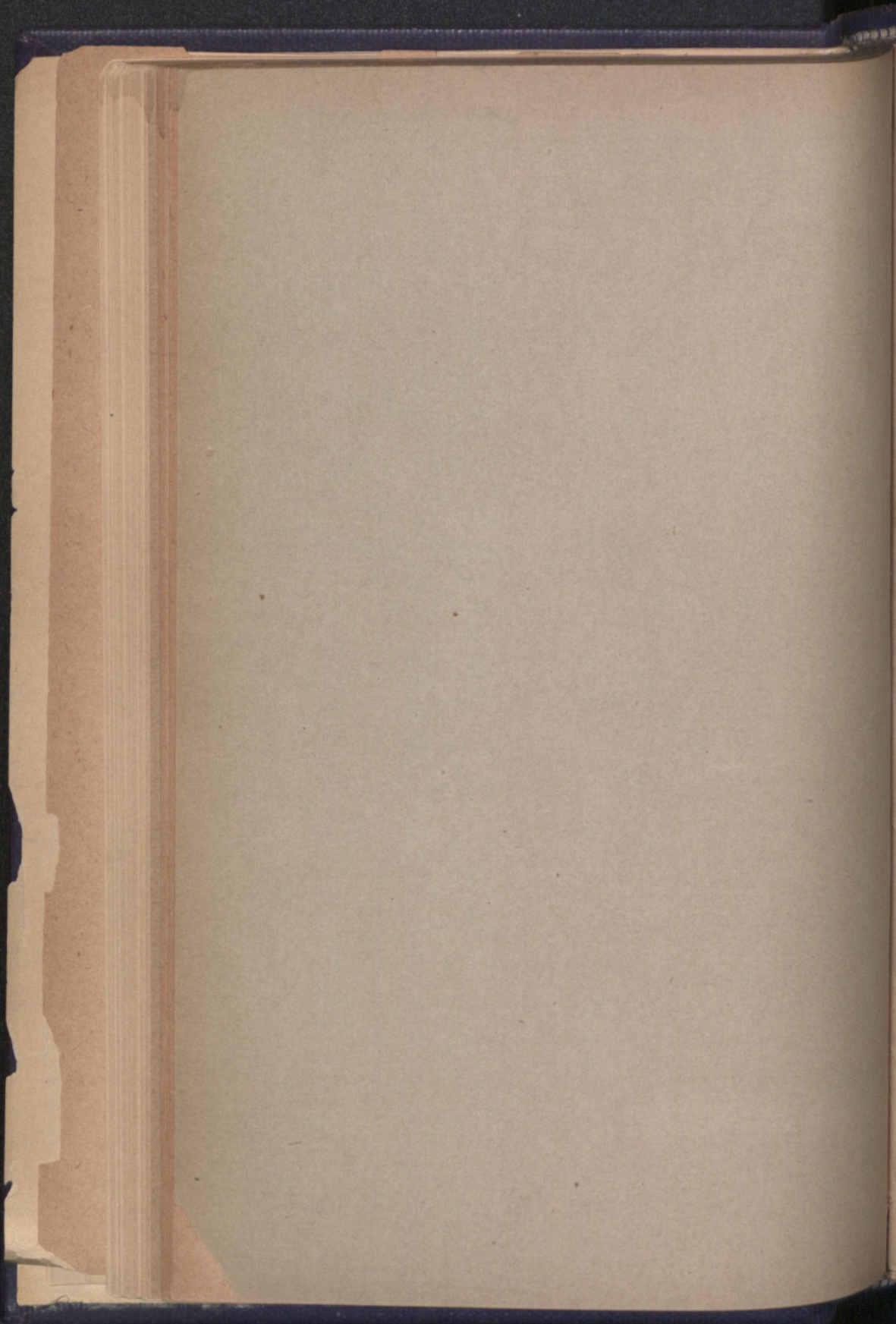
J. S. BARTLETT <sup>8</sup> .....	District of Columbia.
SEPHORA BETTES <sup>4</sup> .....	Massachusetts.
JOSEPHINE BETTES.....	Massachusetts.
E. O. BOND <sup>8</sup> .....	Virginia.
CHAS. BOGAN <sup>8</sup> .....	District of Columbia.
CHAS. H. BREGMAN <sup>2, 8</sup> .....	Ohio.
LIZZIE P. BROWN.....	District of Columbia.
H. C. BRYAN <sup>5</sup> .....	District of Columbia.
PHIL. BROWN <sup>1, 3, 4</sup> .....	District of Columbia.
H. O. CHUTE <sup>5</sup> .....	District of Columbia.
R. H. CHAPMAN <sup>2, 9, 10</sup> .....	District of Columbia.
A. CATHCART <sup>9</sup> .....	Virginia.
F. B. CLEMENTS.....	Alabama.
B. CLAYTON <sup>1, 2</sup> .....	District of Columbia.
LOUISE CONNOLLY.....	District of Columbia.
F. E. COOMBS <sup>5</sup> .....	Massachusetts.
JAMES CORRISON <sup>1</sup> .....	District of Columbia.
J. D. COUGHLAN.....	District of Columbia.
B. DALEY.....	New York.
MISS DALY <sup>1</sup> .....	District of Columbia.
T. I. DAVIS <sup>5</sup> .....	District of Columbia.
A. T. DAVIS.....	Kansas.
H. S. DURNALL <sup>3, 4, 9</sup> .....	Pennsylvania.
JOHN ENDERS.....	District of Columbia.
J. L. FUELLING <sup>9</sup> .....	District of Columbia.
W. A. GLASSFORD <sup>2</sup> .....	Missouri.
T. J. GLOVER.....	Iowa.
E. A. GREENOUGH.....	Virginia.
W. A. GUYER, JR. <sup>3</sup> .....	District of Columbia.
S. J. HENRY <sup>2, 10</sup> .....	Pennsylvania.
L. J. HATCH <sup>1</sup> .....	Vermont.
W. A. HART <sup>2, 10</sup> .....	Virginia.
FRED. HODGE.....	District of Columbia.
M. HACKETT <sup>8</sup> .....	District of Columbia.
H. G. HODGKINS <sup>8</sup> .....	District of Columbia.



E. B. JONES <sup>8</sup> .....	Indiana.
PAUL M. KNOBLOCK <sup>8, 9</sup> .....	District of Columbia.
H. K. LAMB.....	Illinois.
G. M. LAMASURE.....	Pennsylvania.
P. LEWIS.....	North Carolina.
JUDSON D. LINCOLN.....	New York.
G. C. LOOMIS <sup>5</sup> .....	West Virginia.
J. MCMAHON <sup>1, 2</sup> .....	District of Columbia.
R. S. MCCALL.....	District of Columbia.
KART MCELROY <sup>5</sup> .....	District of Columbia.
D. E. MCCOOMB <sup>3</sup> .....	District of Columbia.
E. N. MEEKINS <sup>2</sup> .....	District of Columbia.
S. C. MILLER <sup>5</sup> .....	Minnesota.
A. MULLER <sup>1</sup> .....	Germany.
H. MUNROE <sup>2, 8</sup> .....	Florida.
C. G. NUNN <sup>2, 3, 4</sup> .....	Texas.
W. G. PETER.....	District of Columbia.
LOUIS E. PHILLIPS <sup>1</sup> .....	New York.
F. W. PLUGGE <sup>8</sup> .....	District of Columbia.
G. F. POHLERS.....	District of Columbia.
KATE E. RAWLINGS <sup>1</sup> .....	District of Columbia.
E. C. ROBINSON <sup>2</sup> .....	District of Columbia.
H. C. ROTHERY.....	District of Columbia.
L. M. SHAW <sup>3, 4, 9</sup> .....	District of Columbia.
L. P. SHIDY <sup>5</sup> .....	Missouri.
MARY SHIELDS <sup>1</sup> .....	District of Columbia.
O. A. SWAINE.....	Massachusetts.
A. SHACKELFORD <sup>8</sup> .....	District of Columbia.
M. TIERNEY.....	District of Columbia.
A. O. TINGLEY <sup>2, 8</sup> .....	Massachusetts.
H. S. TOWN <sup>2</sup> .....	District of Columbia.
O. W. TRUEWORTHY <sup>2, 8</sup> .....	Maine.
CHARLES TUCKER <sup>1</sup> .....	District of Columbia.
S. VOORHEES <sup>5</sup> .....	District of Columbia.
E. M. WADE <sup>5</sup> .....	District of Columbia.
P. C. WARMAN <sup>3, 4</sup> .....	District of Columbia.
MISS E. E. YORK <sup>3</sup> .....	Massachusetts.

NOTE.—Students without numerals suffixed to their names are pursuing a General Course of Studies leading to a full degree. Students with numerals suffixed to their names are pursuing studies according to the following notation: 1, English; 2, Mathematics; 3, French; 4, German; 5, Analytical Chemistry; 6, Physics; 7, Assaying; 8, Drawing; 9, General Chemistry; 10, Mechanics; 11, Mineralogy; 12, Botany.







CATALOGUE

OF

THE COLUMBIAN COLLEGE

PREPARATORY SCHOOL,

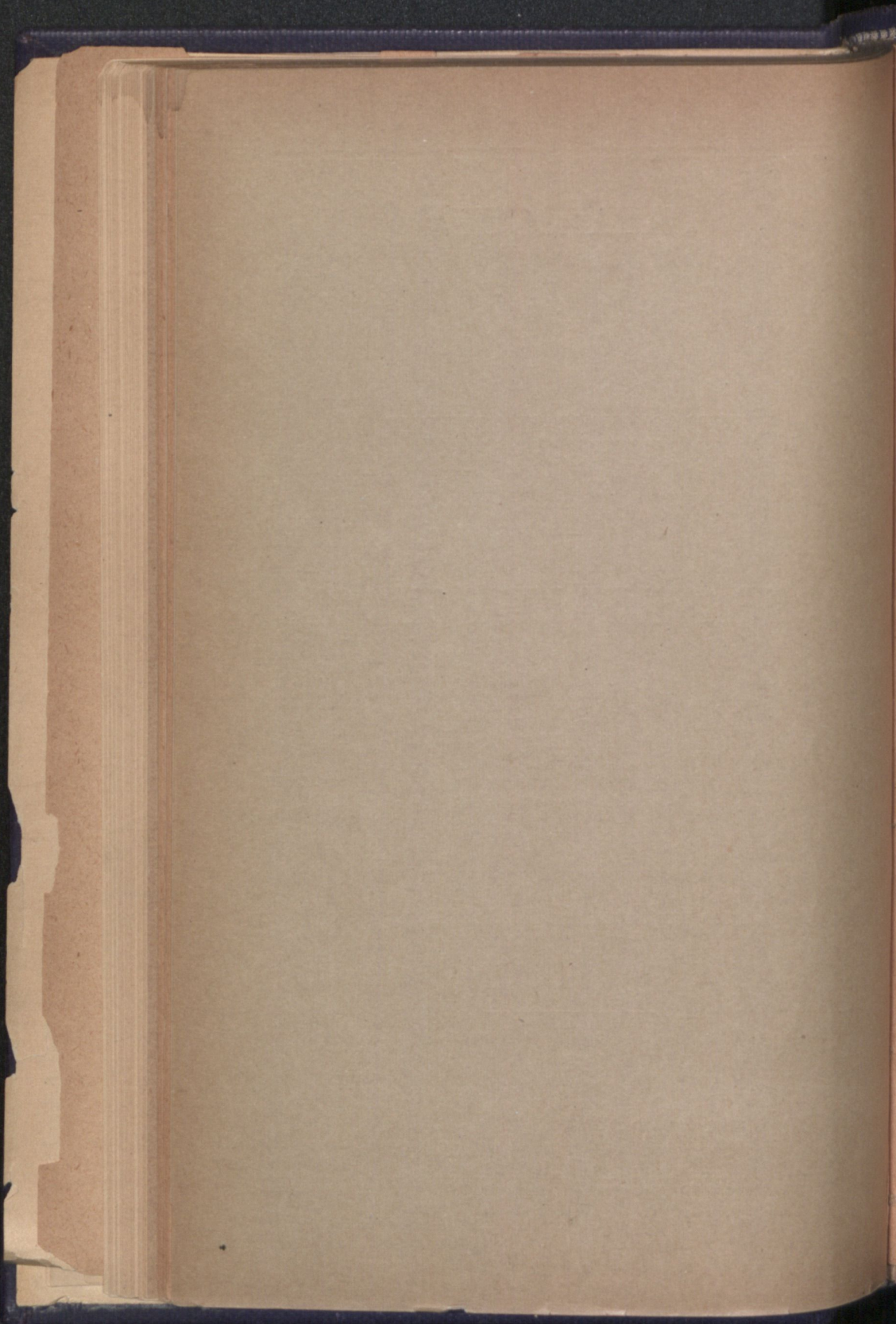
WASHINGTON, D. C.,

FOR THE ACADEMIC YEAR 1885-'86.

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WASHINGTON:  
RUFUS H. DARBY, PRINTER, 432 NINTH STREET.  
1886.







CATALOGUE  
OF  
THE COLUMBIAN COLLEGE  
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## THE PREPARATORY SCHOOL.

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### CALENDAR.

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1886. Sept. 1-18.—Examination of new scholars.  
 Sept. 20.—The First Term commences.  
 Sept. 27.—Regular Marks begin.  
 Oct. 25.—First Monthly Report rendered.  
 Nov. 22.—Second Monthly Report rendered.  
 Nov. 25.—Thanksgiving Day—holiday.  
 Dec. 20.—Third Monthly Report rendered.  
 Dec. 25. }  
 1887. Jan. 1. } Christmas Holidays.  
 Jan. 24.—Fourth Monthly Report rendered.  
 Jan. 24-31.—Intermediate Examination.  
 Feb. 1.—Marks of Second Term begin.  
 Feb. 22.—Washington's Birthday—holiday.  
 Feb. 28.—Fifth Monthly Report rendered.  
 March 28.—Sixth Monthly Report rendered.  
 Apr. 8-11.—Good Friday and Easter Monday holidays.  
 May 2.—Seventh Monthly Report rendered.  
 May 31.—Eighth Monthly Report rendered.  
 June 1-9.—Final Examination.  
 June 10.—Public Closing Exercises.



## THE PREPARATORY SCHOOL.

### CORPS OF INSTRUCTORS.

ANDREW P. MONTAGUE, A. M., Principal, Instructor in Greek, Latin and English.

J. HOWARD GORE, B. S., Instructor in Mathematical Geography.

ANTHONY H. JANUS, Instructor in French and German.

HOWARD L. HODGKINS, A. M., Instructor in Mathematics, Chemistry and Physics.

LEE D. LODGE, A. M., Instructor in Latin and English.

EDWARD ROOME, A. M., Instructor in Greek and English.

JAMES CORRIDON, Instructor in Penmanship and Bookkeeping.

MRS. ADELINE D. MACK, Instructress in Elocution.

### DESIGN.

The Preparatory School of the Columbian College was established for the purpose of giving a thorough preparation for College, or the technical school, and of fitting boys for the higher pursuits of business. In its new building, in its grades of study, and in its general management, the Authorities and the Instructors have kept steadily in view the growth of the National Capital and the progress of education in our country. While the School is divided into four grades, the greatest freedom is exercised in classifying pupils in accordance with their previous training and natural aptitudes.

Very many of the boys of our city are compelled to forego a college education and to prepare themselves to enter at once, on leaving the school, some of the many avenues of self-support. This fact has been carefully considered, and a High School course so arranged as to assist those who take it in making the best use of the time at their disposal.

While the general principles of Natural Science are taught to the whole School, special aid is given to those who show a fondness for certain branches and wish to pursue them thoroughly.



Under the terms of the "Admiral Powell Endowment," free scholarships will be given to a limited number of pupils who are preparing for admission to the United States Naval Academy at Annapolis.

#### DISCIPLINE.

The School is conducted on Christian principles, both in its discipline and in its teaching; but no instruction is given and no influence exerted in favor of any peculiar denominational tenets.

The teachers of the School in administering all its details seek to banish ignoble incentives and to make their pupils self-reliant young gentlemen. The motives which actuate honorable business men are inculcated, and the greatest freedom allowed to individual action which is consistent with healthy discipline and self-respect. The fact is never lost sight of, that habits of accuracy, industry, and perseverance, acquired in youth, are the best security for success in manhood. Even in the award of premiums the reward of diligence and energy is the motive, and not the excitement of envy through personal contest.

In addition to daily recitations, an examination is held at the end of each term on all the studies of that term.

The graded scale of merit used in the School ranges from 0 to 100, and each student must reach the grade of 70 in order to be advanced with his class.

The progress of the scholar is stimulated by daily records, by monthly and term reports to parents, by promotions in his class, and by prizes.

#### GENERAL ORDERS.

The Principal, or one of his assistants, will be at the School Building, No. 1335 H street, northwest, from the first of September until the School begins, from 9 o'clock A. M. to 3 o'clock P. M., for the purpose of receiving new students, and of answering inquiries concerning the School.

The number of scholars in the School at any one time is limited to one hundred, and students will be admitted to vacancies in this number according to the order of their registered application.

The school hours are from 9 o'clock A. M. to 2 o'clock P. M. During the term the hours for the reception of new scholars and the private instruction of those needing it are daily (except Saturday), from 2 to 3.30 P. M.



## EXPENSES.

For the scholastic year, including all expenses ..... \$80.00

All bills must be paid in advance, at the beginning of each half-yearly term, to the Treasurer of the Corporation, ROBERT C. FOX, LL.D., at his office, in the Corcoran Building, corner of Fifteenth Street and Pennsylvania Avenue, or to PROF. SAMUEL M. SHUTE, the financial agent of the School.

## SCHEMES OF STUDIES IN THE PREPARATORY SCHOOL.

## FIRST YEAR: FOURTH CLASS.

*Reading*.—Swinton's Fifth Reader.  
*Spelling*.—Worcester's New Pronouncing Speller.  
*Arithmetic*.—Thomson's New Practical.  
*Geography*.—Swinton's Complete Course.  
*History*.—Anderson's Grammar School United States.  
*Grammar*.—Hart's Elementary English Grammar; and letter-writing.  
*Latin*.—Chase and Stuart's First Latin Book and Latin Reader.  
*Declamation, Composition*.  
*Penmanship, Map Drawing*.

## SECOND YEAR: THIRD CLASS.

*Reading*.—"St. Nicholas."  
*Spelling*.—Worcester's New Pronouncing Speller.  
*Grammar*.—Hart's English Grammar and Analysis.  
*Arithmetic*.—Thomson's (completed).  
*Geography*.—Swinton's (completed).  
*History*.—Anderson's England.  
*Latin*.—Chase and Stuart's Grammar and Caesar; and Bennett's First Latin Exercise Book.  
*Greek*.—Goodwin's Grammar, with White's First Lessons.  
*Declamation, Composition*.  
*Penmanship*.

## THIRD YEAR: SECOND CLASS.

*Reading*.—Shakspeare's "Richard III;" Rolfe's or Hudson's.  
*Spelling*.—Westlake's 3,000 Practice Words.  
*Rhetoric*.—Kellogg's Text-Book of Rhetoric.  
*Arithmetic*.—Wentworth and Hill's.  
*History*.—Anderson's New General.  
*Latin*.—Chase and Stuart's Grammar; Caesar, and Virgil's *Æneid*; and Bennett's First Latin Exercise Book.  
*Greek*.—Goodwin's Grammar; Crosby's Xenophon's *Anabasis*; White's First Lessons in Greek.  
*Mythology*.—Edward's Handbook; and Lectures on Norse Mythology.  
*French*.—Oral Instruction.  
*Algebra*.—Wentworth's Complete Algebra.  
*Penmanship*.  
*Declamation, Composition*.



## FOURTH YEAR: FIRST CLASS.

*Reading.*—Readings from Standard Authors.

*Rhetoric.*—Westlake's 3,000 Practice Words.

*History.*—Leighton's Rome and Schmitz's Greece.

*Latin.*—Chase and Stuart's Grammar; Virgil's *Æneid*; Cicero's Orations and Sallust; and Bennett's First Latin Exercise Book.

*Greek.*—Goodwin's Xenophon's *Anabasis*; Keep's Homer's *Iliad*; and Goodwin's Grammar, with Jones' Greek Prose Composition.

*French.*—Keetel's Collegiate Course.

In the Second Term: Böcher's Otto's French Reader.

*Algebra.*—Wentworth's Complete Algebra.

*Geometry.*—Newcomb's.

*Physics.*—Avery's First Principles of Natural Philosophy.

*Chemistry.*—Steele's Fourteen Weeks in Chemistry.

*Penmanship.*

*Declamation, Composition.*

*Books of Reference in all the Classes:* Worcester's or Webster's Dictionary, Baird's Classical Manual, Bigelow's Handbook of Punctuation, and Ginn and Heath's Classical Atlas.

## LITERARY SOCIETY.

The Hermesian Society, composed of students of the two higher classes, meets weekly in a hall assigned to it by the authorities of the School, for the purpose of practising debate and for improvement in composition.

This society receives the earnest support of the students, and is, therefore, in a flourishing condition. The society is under the general supervision of the instructors, but this supervision never takes the form of disagreeable interference.

This association gives two medals: one for excellence in debate, the other for excellence in composition; and these prizes are publicly awarded at the end of the session.

## SCHOOL PAPER.

The students of the School maintain a monthly paper, entitled "The Spectator," which is edited by members of the highest class, selected from month to month by the Principal. The articles which appear in this paper are almost exclusively the productions of the students themselves.

## ANNUAL PRIZES.

The regular prizes of the School consist of First and Second Scholarship Medals in each class.

Gold medals are also given to those students who have been blameless in deportment and against whom there is no record of absence or tardiness during the entire session.



## SPECIAL ANNUAL PRIZES.

The following prizes are annually offered as rewards of special excellence in particular branches of study:

1. The Huntington Gold Medal for excellence in the Greek Language.

2. The Montague Gold Medal for excellence in the Latin Language.

3. The Janus Gold Medal for excellence in the French Language.

4. The Hodgkins Gold Medal for excellence in Mathematics.

5. The Lodge Gold Medal for excellence in the English Language.

6. The Roome Gold Medal for excellence in Declamation during the session.

7. The Corridon Gold Medal for excellence in Penmanship.

8. The Fox Gold Medal for excellence in Declamation at the Commencement, awarded by a committee selected by the principal.

9. The Mack Gold Medal for excellence in Elocution during the session.



## HONOR LIST OF THE PREPARATORY SCHOOL.

SESSION 1884-'85.

## CERTIFICATES AND PRIZES.

*For High Grade of Scholarship.*

- First Class.*—First Prize, F. Howard Seely.  
 Second Prize, Arnold H. Hord.
- Second Class.*—First Prize, Angelo Hall.  
 Second Prize, Tileston F. Chambers.
- Third Class.*—First Prize, Percival Hall.  
 Second Prize, E. L. Eustaphieve and H. G. Heitmuller.
- Fourth Class.*—First Prize, Fritz von Entress.  
 Second Prize, Andrew Y. Bradley.

*The Huntington Gold Medal in Greek:*

Arnold H. Hord.

*The Montague Gold Medal in Latin:*

F. Howard Seely.

*The Janus Gold Medal in French:*

Delano Ames.

*The Corridon Gold Medal in Penmanship:*

William O. Beall.

*The Fox Gold Medal in Declamation:*

Howard C. Russell.

*Hermesian Society Gold Medals:**Best Debater.*—Arnold H. Hord.*Best Editor.*—Herbert H. Pattee.*Gold Medals for Punctuality and Deportment:**Three Years.*—Delano Ames, F. Howard Seely.*Two Years.*—Angelo Hall, Percival Hall, Arnold H. Hord, William T. Hord, Jr., John M. Ingersoll, Laurence V. D. Mills, Allan E. Wilson.*One Year.*—Harry B. Burch, J. C. K. Campbell, Samuel J. Cockerill, A. C. Eustaphieve, E. L. Eustaphieve, Charles A. McKenney, William A. Mills, Charles S. Rogers.*Certificates of Graduation.**To the Freshman Class.*—John Chester, Arnold H. Hord, F. Howard Seely, Frank W. Sacket, Allan E. Wilson.



*To Special Schools.*—Delano Ames, William W. Ayres, Allan T. Bacon, S. Howard Bacon, Geo. G. Getty, Judson D. Lincoln, Harry B. Mason, Irvin B. Moulton, Herbert H. Pattee, Howard C. Russell, Oliver A. T. Swaine,

*Honorable Mention for an Average above 90 :*

Benjamin Ames, Delano Ames, Bailey K. Ashford, Allan T. Bacon, S. Howard Bacon, Andrew Y. Bradley, J. C. K. Campbell, Tileston F. Chambers, Arthur Cranston, Fritz von Entress, A. C. Eustaphieve, E. L. Eustaphieve, Charles L. Frailey, Angelo Hall, Percival Hall, H. G. Heitmuller, Arnold H. Hord, William T. Hord, Jr., John M. Ingersoll, Horace G. Macfarland, J. D. McPherson, Jr., Herbert H. Pattee, Francis M. Phillips, Hermann Poesche, Howard C. Russell, William D. Searle, F. Howard Seely, Frank W. Sacket.



## STUDENTS IN THE PREPARATORY SCHOOL.

<i>Name.</i>	<i>Class.</i>	<i>Residence.</i>
Henry Albers .....	Fourth.....	Washington, D. C.
Robert Alexander, Jr.....	Fourth.....	Georgetown, D. C.
Benjamin Ames.....	First.....	Washington, D. C.
M. Percy Andrews.....	Second.....	Washington, D. C.
George W. B. Asmussen.....	Second.....	Washington, D. C.
John W. Avery .....	First .....	Alexandria, Va.
Charles M. Baker.. .....	Third .....	Washington, D. C.
W. Origen Beall.....	First .....	Washington, D. C.
Sidney Beardsley.....	Second.....	Washington, D. C.
Prescott H. Belknap.....	First.....	Washington, D. C.
Reginald R. Belknap.....	Second.....	Washington, D. C.
W. A. Bevard.....	Second.....	Brownsville, Pa.
Frederick A. Bickford.....	Fourth.....	Washington, D. C.
Everett O. Bond.....	Second.....	Fairfax Court House, Va.
Franchot H. Boyd .....	Second.....	Washington, D. C.
Andrew Y. Bradley.....	Third .....	Washington, D. C.
Arthur Buchanan.....	Third .....	Trenton, N. J.
Harry A. B. Burch.....	First.....	Washington, D. C.
J. C. Kennedy Campbell.....	Second.....	Washington, D. C.
Tileston F. Chambers.....	First.....	Washington, D. C.
William G. Clary .....	Second.....	Washington, D. C.
Eugene S. Cochran.....	First.....	Washington, D. C.
Alden M. Collins.....	Second.....	Fairfax Court House, Va.
George P. Conn.....	Third .....	Washington, D. C.
Radcliffe Copeland.....	Fourth.....	Washington, D. C.
Elliott B. Coues.....	Third .....	Washington, D. C.
Arthur Cranston.....	Second.....	Washington, D. C.
Robert F. Curtiss.....	Second.....	Sligo, Md.
Francis S. Davidge.....	Fourth.....	Washington, D. C.
William F. Davidge.....	Third .....	Washington, D. C.
Samuel T. Davis, Jr.....	Fourth .....	Washington, D. C.
Clarence W. DeKnight.....	First.....	Washington, D. C.
William K. Dick.....	Third .....	Washington, D. C.
Chester V. Dolph.....	Second.....	Portland, Oregon.
Thomas S. Ellis.....	First.....	New Orleans, La.
Fritz von Entress.....	Third .....	Washington, D. C.
Oscar von Entress.....	Third .....	Washington, D. C.
A. Campbell Eustaphieve.....	Second.....	Washington, D. C.



E. Leckie Eustaphieve.....	Second.....	Washington, D. C.
Charles L. Frailey.....	Second.....	Washington, D. C.
Henry H. Freeman.....	Third.....	Washington, D. C.
Richard Gibson.....	Fourth.....	New Orleans, La.
Harry Cuthbert Given.....	Fourth.....	Washington, D. C.
William W. Grier.....	Fourth.....	Washington, D. C.
Leonard C. Gunnell.....	Second.....	Georgetown, D. C.
Angelo Hall.....	First.....	Georgetown, D. C.
Frank H. Hall.....	Second.....	Washington, D. C.
Percival Hall.....	Second.....	Georgetown, D. C.
George H. Heitmuller.....	Second.....	Washington, D. C.
Noel C. Home.....	Third.....	Georgetown, D. C.
Samuel S. Hoover, Jr.....	First.....	Washington, D. C.
William T. Hord, Jr.....	First.....	Washington, D. C.
Darwin R. James, Jr.....	Fourth.....	Brooklyn, N. Y.
Charles P. Kindleberger.....	First.....	Washington, D. C.
M. Marshall Langhorne.....	Third...	Lynchburgh, Va.
Ormsby McCammon.....	Third.....	Washington, D. C.
Horace G. Macfarland.....	Second.....	Washington, D. C.
Charles A. McKenney.....	First.....	Washington, D. C.
George X. McLanahan.....	Fourth.....	New York, N. Y.
P. G. McLean.....	First.....	Washington, D. C.
Felix R. McManus.....	Fourth.....	Baltimore, Md.
J. Douglass McPherson, Jr.....	Second.....	Washington, D. C.
Harry K. Mannakee.....	First.....	Knowles Station, Md.
Oscar A. Menocal.....	First.....	Washington, D. C.
Guy Miller.....	Fourth.....	Herkimer, N. Y.
Laurence V. D. Mills.....	Second.....	Washington, D. C.
William A. Mills.....	Second.....	Wilmington, Del.
Thomas E. Morgan.....	First.....	Washington, D. C.
Henry H. Morrison.....	Second.....	Washington, D. C.
Frederick W. Page.....	Third.....	Oakland, Cal.
George N. Page.....	Second.....	Oakland, Cal.
Nathaniel Paige, Jr.....	Fourth.....	Washington, D. C.
Robert H. Partridge.....	First.....	Syracuse, N. Y.
Franklin M. Patterson.....	Second.....	Washington, D. C.
Francis M. Phillips.....	Second.....	Washington, D. C.
Hermann Poesche.....	Third.....	Washington, D. C.
A. Moreland Ray.....	First.....	Forest Glen, Md.
George Richards.....	Fourth.....	Washington, D. C.
James T. Richards.....	Third.....	Washington, D. C.
Theodore W. Richards.....	Third.....	Washington, D. C.
John W. Riley.....	Second.....	Georgetown, D. C.
George T. Rounds.....	Third.....	Chicago, Ill.
C. T. Sacket.....	Second.....	Washington, D. C.



Philip Sawyer.....	First .....	Washington, D. C.
William D. Searle.....	First .....	Washington, D. C.
Armien Sellhausen.....	Fourth.....	Washington, D. C.
Harry Sellhausen.....	Third.....	Washington, D. C.
J. Preston Shannon.....	Second.....	Baltimore, Md.
Daniel A. Smith, Jr.....	Third.....	Washington, D. C.
Charles P. Spooner.....	Second.....	Hudson, Wis.
Willet M. Spooner.....	Fourth.....	Hudson, Wis.
William G. Stahlnecker, Jr.....	Third.....	Yonkers, N. Y.
George Steiger.....	First.....	Washington, D. C.
Jay H. Sypher, Jr.....	Second.....	Washington, D. C.
Frederick Talty.....	First.....	Washington, D. C.
Harry H. Thompson.....	First.....	Washington, D. C.
Alpheus W. Weaver.....	First.....	Georgetown, D. C.
Van Wyck Weaver.....	First.....	Georgetown, D. C.
Richard H. Willet, Jr.....	Second.....	Washington, D. C.
Saxon Wyard.....	Fourth.....	Washington, D. C.
William W. Wyard.....	Fourth.....	Washington, D. C.
John Zug.....	First.....	Maryland.

STUDENTS IN PREPARATORY SCHOOL.....102.







1886

HISTORICAL CATALOGUE  
OF THE  
GRADUATES IN MEDICINE  
OF  
THE COLUMBIAN UNIVERSITY,  
1822-1886.

\*Those to whose names an asterisk is prefixed are known to be deceased.

DOCTORS OF MEDICINE.

1822.

1823.

1824.

1825.

[No Records.]

1826.

Richard Angel, England.  
James Cook, Md.  
Jesse Ewell, Va.  
J. M. Gilsan, Va.

Charles K. Laub, Surg. U. S. A., D. C.  
Thomas J. Moore, D. C.  
Charles H. Stone, D. C.

1827.

Thomas Evans, Md.  
\*James Hagan, Ireland.  
Henry King, D. C.  
John G. Stanhope, Va.

William L. Wharton, D. C.  
Richard Wheat, Va.  
Benjamin F. Wing, Mass.

1828.

Joseph S. Baker, Va.  
Joseph Borrows, A. B., D. C.  
\*John A. Bulfinch, D. C.  
Robert A. Cony, Me.  
Alexander McD. Davis, D. C.  
Charles W. Davis, A. B. 1826, Surg. U. S.  
N., D. C.

John F. Edmonds, Va.  
Robert Kirkwood, Md.  
Harvey Lindsly, Prof. Prac. Med., D. C.  
Charles McLean, D. C.  
William N. Waters, D. C.  
\*Noble Young, Prof. Princ. and Prac. Med.  
Georgetown Med. Coll., D. C., D. C.



## 1829.

J. F. Boon, D. C.  
 \*J. Irvin Dunn, D. C.  
 John B. Elliot, D. C.  
 James M. Higgins, Md.  
 Gonzalvo Hodges, Md.  
 \*Benjamin F. Nourse, Md.

\*Thomas R. Sewall, Md.  
 A. N. Stanford, Eng.  
 James E. Stewart, Md.  
 Timothy Upham, N. H.  
 Thomas Waters, D. C.  
 Joseph L. McWilliams, Md.

## 1830.

Robert T. Barry, D. C.  
 H. T. Condict, N. J.  
 John E. Craig, D. C.  
 \*Thomas D. Ditty, Md.  
 George Fillebrown, Me.

John W. Graves, Mass.  
 John Hamilton, Va.  
 Alfred Holmead, A. M. Hon. 1851, D. C.  
 Theris Jacobs, D. C.  
 P. T. Richardson, Ga.

## 1831.

Thomas Bruen Brown, A. B. 1829, N. J.  
 Benjamin B. Edmonson, Md.  
 Richard Foote, Md.  
 Abel W. Kingman, Mass.  
 J. P. Quinn, Ireland.

Philip Smith, Ireland.  
 Albert C. Thayer, Me.  
 James Warring, Md.  
 J. J. Waters, Md.  
 Francis W. Weems, Va.

## 1832.

Robert M. Baltzer, D. C.  
 Stephen R. Chapin, D. C.  
 Charles W. Handy, D. C.  
 Elkon Jones, D. C.  
 Samuel J. S. Ker, Md.

Charles G. Parsons, N. H.  
 Abner V. Row, Va.  
 Allen F. Suter, D. C.  
 Samuel J. Wheeler, A. M. Hon. 1845, N. C.

## 1833.

William Maffit, Va.  
 William Morton, D. C.  
 Leonard Neal, D. C.  
 Nathan Ramsdel, R. I.

M. B. Robertson, D. C.  
 Benjamin F. Rose, D. C.  
 Addison H. Sanders, Va.  
 Charles White, Va.

## 1834.

Thomas M. Bennett, Va.  
 William V. H. Brown, A. B. 1837, A. M.  
 1838, Trustee, D. C.  
 Warren Cooke, R. I.  
 Levin Hodson, D. C.

John Frederick May, A. B. 1831, Prof. Surg.  
 Med. Coll., D. C.  
 Charles McCormick, D. C.  
 Edward M. Millard, D. C.  
 J. F. Powers, D. C.  
 F. L. Sewall, Ala.

## 1835.

## 1836.

## 1837.

## 1838.

## 1839.

[No Records.]

## 1840.

Philo. Croin, Va.  
 Thomas B. J. Frye, A. B. 1837, A. M. 1840,  
 D. C.

Peter E. Minor, N. Y.



## 1841.

Erastus M. Chapin, A. B. 1838, A. M. 1841,  
D. C.

William E. Clarke, Mo.

John Costigan, D. C.

David Dodge, D. C.

\*Anthony Holmead, D. C.

Flodoardo Howard, Prof. Obstet. Georg'n  
Med. Coll., D. C.

J. G. House, N. Y.

J. W. Lugenbeel, Md.

Hanson T. Murphy, N. C.

William H. Waters, Mo.

E. K. White, Fla.

## 1842.

Rufus Baker, Me.

James N. Banks, N. J.

\*James H. Causten, D. C.

Johnson Clark, N. H.

Charles T. Disbrow, N. J.

Joseph G. Duvall, Md.

Johnson Eliot, Prof. Anat. Georgetown  
Med. Coll., D. C.

\*Granville S. Farquar, Md.

Jacob B. Gardner, D. C.

W. A. Manning, D. C.

Thomas Mattingly, D. C.

\*James F. T. McClery, D. C.

Warren Parsons, N. H.

George F. Pitts, Ky.

John Reid, Md.

John A. Shade, Pa.

James A. Tibbets, N. H.

Norton Q. Tirrell, Mass.

Charles Whipple, Vt.

William H. Willis, Mass.

## 1843.

Jacob M. Bell, Va.

Charles F. Berry, N. H.

John E. Bishop, N. Y.

Ambrose Pratt, Ct.

Samuel S. Prudden, Ct.

George N. Thompson, Mass.

\*Joseph Walsh, Va.

Cephas F. Willet, Md.

## 1844.

\*Cornelius Boyle, D. C.

\*Richard C. Cochrane, D. C.

Charles H. Cragin, Mass.

Waitman, Jones, Md.

William S. Keech, Md.

N. B. Maniater, Greece.

William D. Newell, N. J.

E. W. Taylor, Md.

William McK. Tucker, A. B. 1840, A. M. 1843,  
D. C.

## 1845.

Thomas Cammack, D. C.

\*Lewis R. Fechtig, D. C.

Phillander Gould, Me.

Joseph H. McClintock, Pa.

James E. Morgan, Prof. Mat. Med. George-  
town Med. Coll., D. C.

Charles T. Simpson, Md.

## 1846.

Alfred Ball, O.

William Beall, Md.

G. Erving Bomford, D. C.

Cyrus Colby, Ala.

William L. Frazer, D. C.

James K. Gregory, N. Y.

Francis M. Gunnell, A. M. Hon. 1852, D. C.

John H. Heckerman, Pa.

Alexander McWilliam, Jr., D. C.

John C. Mafit, D. C.

\*Aaron W. Miller, D. C.

## 1847.

Alexander Chapman, Va.

John J. Dyer, D. C.

George Harris, Md.

Oscar G. Mix, A. B. 1844, A. M. 1847, Va.

N. D. Tompkins, Ind.

Francis Wills, Md.

## 1848.

Thomas J. Cathcart, A. B. 1843, D. C.

Thomas W. Flandrau, D. C.

Caleb G. R. Nichols, D. C.

J. W. D. Stettinnus, D. C.



Thomas J. Adams, Va.  
E. D. Everhart, Md.  
Francis H. Hill, D. C.  
M. H. Johnson, Va.

John M. Adler, Md.  
\* L. B. Blanchard, N. H.  
\* William B. Butt, D. C.  
J. Edward Chase, O.  
Robert N. Compton, D. C.  
Leopold V. Dovilliers, France.  
William A. Douglass, Va.

Martin V. B. Bogan, D. C.  
Samuel Q. A. Burch, D. C.  
James Davidson, D. C.  
Henry P. Howard, Tex.  
Henry P. Martin, Va.

Barlett W. Anderson, D. C.  
\* Samuel J. Anderson, D. C.  
William O. Baldwin, Md.  
\* J. W. Bowie, Md.  
Thomas B. Chace, Md.

\* Bennet A. Clements, D. C.  
William H. Drecker, Md.  
Walter Hay, D. C.

\* William A. Bradley, D. C.  
George A. Dyer, D. C.  
\* Benjamin J. Hellen, A. B. 1850, A. M.  
1854, D. C.  
Ferdinand S. Holmes, Me.

J. B. P. Hank, Md.

\* P. C. Davis, D. C.  
R. W. Hale, S. C.  
C. L. McDonald, Mass.

[No Record.]

Cyrus Bacon, Mich.  
Robt. S. Bernard, Va.  
B. C. Cook, N. C.  
Selden W. Crow, O.  
R. W. Hales, O.

1849.

George Latimer, D. C.  
\* Washington Miller, D. C.  
W. T. H. White, D. C.

1850.

James S. Gunnell, D. C.  
Eusebius L. Jones, D. C.  
Powhatan Jordan, Va.  
F. R. Smith, Md.  
\* William A. Williams, Va.  
\* Alexander S. Young, D. C.

1851.

\* John C. Riley, Prof. Mat. Med., Col. Univ.,  
D. C.  
Henry P. Ritter, N. Y.  
Alexander P. Semmes, Prof. Physiology,  
Savannah, Ga., D. C.

1852.

\* George M. Dale, Va.  
Charles F. Force, D. C.  
John W. Hillary, Md.  
Samuel A. H. McKim, Mass.  
\* B. W. Morrison, D. C.

1853.

T. W. Hebb, Md.  
John W. McCalla, D. C.  
Edward M. Scott, N. C.

1854.

Edward C. Moore, D. C.  
Clement C. Spelden, A. B. 1850, A. M. 1854,  
D. C.  
P. H. Wever, Md.

1855.

John T. Rely, D. C.

1856.

J. S. Prout, D. C.  
William H. Taylor, D. C.

1857.

1858.

Isaac R. Jones, Ia.  
Jno. W. Lackey, La.  
Chas. Miller, D. C.  
Henry Waldron, N. Y.  
Wm. E. Waters, D. C.



## 1859.

John E. Atwell, O.  
A. B. Campbell, D. C.  
John A. Drake, M. C.  
J. W. Fennall, Ala.  
G. P. Fenwick, D. C.  
P. A. Gardiner, Md.  
Christian Hines, D. C.  
Wescom Hudgin, Va.  
D. M. Russell, S. C.  
J. R. Sowers, Va.  
B. V. Sweringen, O.  
J. M. Trevey, Va.  
William Walton, O.

F. E. James, N. C.  
Thos. H. Johnson, Wis.  
C. E. R. King, Va.  
H. G. Mathis, Tenn.  
H. B. Martin, Va.  
P. H. Martin, Va.  
H. R. Moye, S. C.  
Wm. D. Murray, N. Y.  
John Watkins, O.  
Joshua Way, O.  
Wm. G. Williams, Md.  
Thos. E. Williams, Va.  
A. P. Williamson, N. C.

## 1860.

Lee M. Alexander, Mo.  
Samuel W. Bogan, D. C.  
James H. Brown, Va.  
M. Van Congdon, Vt.  
J. F. Culpepper, S. C.  
S. W. Dismoor, N. H.  
Thos. H. Elder, O.  
C. Hurley Foreman, Mo.  
H. P. Fricker, O.  
John E. Gowland Mass.  
Jefferson M. Harlison, Tenn.  
John S. Hoagland, Ind.  
E. B. Holland, N. C.  
Chas. H. Harper, Ky.  
Samuel H. Jackson, S. C.

\* Edwin W. Latimer, Va.  
Nathan M. Lawrence, N. C.  
Charles O. Lewis, Va.  
C. E. Lippett, Va.  
Edward R. Mayo, Me.  
L. C. Osman, Va.  
L. M. Osman, Va.  
J. M. Pettigrew, Pa.  
Wm. O. Slade, jr., Va.  
Thomas Smith, D. C.  
Isaac H. Sterns, Mass.  
David B. Sturgeon, Pa.  
R. G. Syme, Va.  
D. D. Talman, N. Y.

## 1861.

\* A. J. Borland, D. C.  
O. D. Brown, Va.  
Whitfield Brooks, S. C.  
G. N. Dalton, Vt.  
Chas. Eayres, Mass.  
J. R. Fraley, N. C.  
T. C. Hancock, N. C.  
A. F. A. King, Prof. Obs'ts. Univ. of Vt.,  
and Nat. Med. Coll. Wash., D. C., Va.  
Joseph Little, Va.  
Edmund L. Massie, Va.  
E. S. Matthews, Md.  
H. D. Myers, Io.

Benj. T. Ontz, S. C.  
Armistead Peter, Md.  
Ebon J. Russ, Pa.  
S. C. Smith, Va.  
T. A. Stewart, O.  
T. A. Sutherland, S. C.  
J. H. Strickland, O.  
V. B. Thornton, Miss.  
N. T. Williams, N. C.  
J. H. Williams, Miss.  
T. A. Wilson, Ia.  
Robert Wilson, Mo.

## 1862.

Edward Alexander, Germany.  
Hubert S. Becker, Ky.  
Chas. H. Bowen, D. C.

J. S. Conrad, D. C.  
J. H. Combs, D. C.  
John N. Lyman, N. Y.

## 1863.

Geo. L. Rice, Mass.  
A. Bancroft, Pa.  
A. Thorp, Ohio.  
A. Vandever, N. Y.  
L. T. Kingston, N. Y.  
Theodore B. Lashells, Pa.

Elliott Cones, A. M., M. D., Ph. D., M. N. A.  
S.; Assist. Surg. U. S. A.; Prof. Anat.  
Nat. Med. Col., Med. Dept. Columbian  
Univ.; Prof. Zool. and Comp. Anat., Nor-  
wich Univ., Vt.; Prof. Biol., Va. Agricul.  
and Med. Col.



W. King Moxley, O.  
 Geo. H. Hopkins, D. C.  
 \* Bodisco Williams, D. C.

Peleg Wadsworth, Me.  
 T. B. Sackets, N. Y.

1864.

1865.

[No record.]

1866.

Robert Coltman, Md.  
 \* Wm. Bev. Drinkard, Prof. Anatomy.  
 Nat. Med. Col., D. C., Va.

George L. Hicks, Va.  
 Edward Wiedfeldt, Germany.

1867.

Joseph Eck, Ill.  
 Geo. C. Samson, D. C.

\* Bev. Thompson, Va.  
 \* Francis A. Ashford, Va.

1868.

M. Bruckhelmer, Germany.  
 C. C. H. Fenwick, Md.  
 \* H. F. C. Krumme, Neb.  
 J. P. Richardson, N. Y.

\* William L. Rider, Va.  
 Ed. M. Schaeffer, D. C.  
 Jas. L. Suddarth, Va.  
 \* Benedict Thompson, Md.

1869.

George W. Colby, Mo.  
 James M. Davidson, Mo.  
 C. W. Franzoni, D. C.  
 C. H. Humphries, O.  
 A. E. Johnson, N. Y.

J. K. P. Gleeson, Pa.  
 W. W. Munson, N. Y.  
 M. D. Peck, N. Y.  
 C. A. Prentiss, Mo.  
 J. W. Parker, N. Y.

1870.

J. E. Brackett, Prof. Mat. Med. and Thera.  
 How. Univ., D. C., Ind.  
 Will F. Crutchley, W. Va.  
 J. T. Clark, Pa.  
 \* H. A. Duncanson, D. C.  
 R. G. Dyrenforth, Ill.  
 T. T. Earle, S. C.

John Kurtz, D. C.  
 J. M. Knott, O.  
 Z. T. Sowers, Demonstrator of Anatomy,  
 Nat. Med. Col., D. C., Va.  
 Smith Townshend, Ill.  
 W. Bowie Tyler, D. C.  
 T. Judson Wright, Va.

1871.

H. M. Bannister, Ill.  
 Frank D. Bean, N. H.  
 A. Brockenbrough, Va.  
 Fred. W. Halsey, N. Y.  
 J. C. Howard, D. C.

\* Richard Joseph, Mass.  
 A. F. Magruder, D. C.  
 J. S. McLaine, D. C.  
 W. L. Newlands, Mo.  
 W. T. Ramsey, D. C.

1872.

James H. Bonebroke, Ind.  
 Seward B. Chapin, Mass.  
 James M. Gassaway, D. C.  
 James P. Hawes, N. Y.

Joseph W. Little, Pa.  
 Jerome B. Ten Eyck, Mich.  
 Walter Whitney, Me.



## 1873.

Arthur C. Adams, Dem. Anat. Med. Dep.  
Columbian Univ., D. C., D. C.  
Henry R. Case, Mich.  
S. L. Crissey, N. Y.  
Robt. C. Grove, Md.  
Walter C. Murphy, N. C.

Jeffrey C. O'Connell, Tenn.  
\*Cornelius Scannell, Cal.  
Frank D. Squires, N. Y.  
Charles White, Pa.  
W. L. Worcester, N. H.

## 1874.

George N. Acker, Prof. Histol. Med. Dep.  
Columbian Univ., D. C., D. C.  
Laban T. Bremmerman, Md.  
J. Flemming Carrow, Del.  
Wm. H. Faulkner, Jr., D. C.  
Romulus A. Foster, D. C.

Winfield P. Lawver, Dem. Pract. Chem. Med.  
Dept. Colum. Univ., D. C., Ill.  
\*H. Offley Paulding, N. Y.  
Rudolph Ravenburg, Wis.  
Thos. C. Rich, Ind.  
E. A. Sellhausen, D. C.

## 1875.

John Godfrey, Ala.  
Clayton A. Hoover, D. C.  
Gabriel F. Johnston, D. C.  
George Lunney, S. C.

Benj. S. Seymour, N. Y.  
Wilfred W. Streeter, Pa.  
Walter Taylor, W. Va.  
Roswell Waldo, O.

## 1876.

William M. Backus, Vt.  
Tarleton H. Beane, Pa.  
Charles L. Dana, Vt.  
Hervie A. Dodson, N. Y.  
Robert S. Dye, N. Y.  
Chs. H. J. Linskey, Va.  
Samuel J. Newman, Md.

Charles J. Nourse, D. C.  
Eames B. Rankin, D. C.  
Gustavus L. Rietz, D. C.  
Robert W. Shuefeldt, Jr., Assist. Surg. U. S.  
A., D. C.  
Charles Smith, Mass.

## 1877.

Charles A. Ball, D. C.  
Eugene Bettes, Mass.  
J. J. Carroll, D. C.

J. W. Graham, D. C.  
J. A. Harrison, Ohio.

## 1878.

H. W. Durnall, Pa.  
\*J. McL. Eastman, D. C.  
C. J. Graves, N. Y.

C. T. Lewis, Texas.  
William E. Rice, Maine.  
E. F. Smith, West Va.

## 1879.

Horatio R. Bigelow, Mass.  
Charles T. Caldwell, Wyo.  
James R. Freeman, Me.  
John Y. Gibson, Va.  
Samuel B. Lyon, D. C.  
James C. McGuire, D. C.

William Nicholson, D. C.  
Albert C. Patterson, D. C.  
Benjamin G. Pool, D. C.  
John F. Russell, D. C.  
Solon B. Stone, D. C.

## 1880.

Frank Baker, D. C.  
A. H. W. Clum, D. C.  
H. M. Deeble, D. C.  
John W. Dunn, D. C.

\*T. J. C. Maddox, Assist. Surg. U. S. A., Md.  
Clifton Mayfield, D. C.  
H. B. Quinby, N. H.  
James S. Woodward, D. C.



## 1881.

Louis K. Beatty, Io.  
 \* Philo H. Bennett, N. Y.  
 John W. Chappell, D. C.

Leon L. Friedrich, D. C.  
 John H. Yarnall, D. C.

## 1882.

John A. Black, W. Va.  
 William K. Butler, Prof. Minor Surg. Med.  
   Dept. Columbian Univ., D. C., D. C.  
 \* Alexander Y. P. Garnett, Jr., Assist. Dem.  
   Anat. Méd. Dép. Columb'n Univ., D.  
   C., D. C.

Charles E. Gorham, Conn.  
 Randolph C. Hyatt, N. Y.  
 Henry L. E. Johnson, D. C.  
 Franklin A. G. MacLean, Cal.  
 Thomas N. McLaughlin, D. C.

## 1883.

William C. Borden, Assist. Surg. U. S. A.,  
   N. Y.  
 Harry C. Corbett, Va.  
 Middleton F. Cuthbert, D. C.  
 William L. Miller, D. C.  
 Reginald Munson, Va.

Richard A. Pyles, Md.  
 Daniel K. Sute, Pros. Anat. Med. Dept. Co-  
   lumbian Univ., D. C., D. C.  
 Phillip G. Wales, D. C.  
 Edward E. Womersley, Mass.  
 Peter B. Wood, D. C.

## 1884.

Thomas A. Berryhill, Mo.  
 Paul Clendenin, Ill.  
 Charles A. Crampton, Ill.  
 George A. Drury, D. C.  
 William H. Fox, D. C.  
 Revere R. Gurley, D. C.  
 Henry S. T. Harris, Va.

Walter H. Illman, Pa.  
 Dorsey M. McPherson, M. D., D. C.  
 Stephen C. Miller, Minn.  
 Charles W. Richardson, D. C.  
 Millard F. Thompson, D. C.  
 Joseph R. Walton, D. C.  
 George H. Wright, D. C.

## 1885.

John W. Bovee, N. Y.  
 Alanson S. Douglass, Vt.  
 George L. Fox, Conn.  
 William B. French, D. C.  
 Eugene Goodwin, Maine.  
 Leonard K. Graves, N. H.  
 William E. Handy, Mo.

Frank R. Lane, N. H.  
 George Marx, Germany.  
 James P. Saffold, Ala.  
 William M. Sprigg, D. C.  
 David C. Stockstill, Ohio.  
 Francis J. Woodman, N. H.

## 1886.

William W. L. Cissel, Md.  
 John F. Collins, N. J.  
 James D. Glennan, M. D., N. Y.  
 Henry L. Gosling, Tenn.

Arthur J. Hall, Col.  
 Andrew F. Hofer, Pa.  
 William G. Stimpson, Md.  
 Stephen S. White, Md.



# TREASURER'S REPORT

ON THE

PROPERTY AND FINANCES

OF THE

## COLUMBIAN UNIVERSITY,

FOR THE

YEAR ENDING MAY 31, 1886.



WASHINGTON:  
JUDD & DETWEILER, PRINTERS.  
1886.







TREASURER'S REPORT

ON THE

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OF THE

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FOR THE

YEAR ENDING MAY 31, 1886.

---

WASHINGTON:  
JUDD & DETWEILER, PRINTERS.  
1886.







*To the Corporators of The Columbian University.*

GENTLEMEN: In compliance with the order passed at the last annual meeting, I herewith submit a statement of the assets, liabilities, and working income of The Columbian University, in addition to the regular report.

In the first place, it gives me unqualified delight to be able to state that for the past fiscal year the receipts from the invested funds and tuition fees have been sufficient to meet the legitimate expenses for salaries, wages, fuel, and gas. So far as my knowledge extends, this is the first time during a period of thirty years that such a statement could be made. Under these circumstances it has occurred to me that it would not only be acceptable but gratifying to your honorable body if, in addition to a literal compliance with your mandate, I should assume to give it a very liberal construction and furnish a concise statement of the financial policy of the Corporation during the past decade. I do this because the conversion of our College Hill real estate holding into city property has been so complete and unexpected to many of the friends and patrons of this Institution, and the wisdom of this movement has been so seriously questioned that it has seemed to me that justice to ourselves requires that the results of our action in the premises and the reasons moving us thereto, should become a part of the written history of the Corporation, that our successors may know all the facts and judge for themselves whether we acted wisely in the discharge of the trust committed for the time being to our consciences and judgment.

The consideration named in the conveyance from the Rev. O. B. Brown to the trustees of the Columbian College for the College Hill land was \$6,988, and the tract contained 48 acres—deed dated November 30, 1821.

In 1868 the trustees subdivided the south 16 acres and offered the same upon the market, in lots averaging 50 feet front by 150 feet in depth to an alley, upon a lease renewable



every ten years. The terms sought to be obtained for the first ten years were a reasonable percentage upon an ascending scale of values—renewals to be arranged according to values then existing. This project proved unpopular, and such were the pecuniary necessities of the College at the time that it was decided to offer the lots for sale. This scheme proved successful and the sales amounted to about \$65,000, as I recall the amount. This sum of money was devoted quite exclusively to the payment of the so-called floating debt of the College—but what might have been more accurately designated as its *sinking liability*—and to certain improvements on College Hill.

In the scholastic year 1876–77 the law and medical departments and preparatory school were not only self-supporting, but the first and last named yielded a handsome surplus over expenditures. The academic department showed an annual deficit of nearly four thousand dollars. At this rate of existence it was evident that financial death was simply a question of time. Students would not come to the College, and it was decided at the earliest practicable moment to remove the collegiate department to the city.

In March, 1882, the north sixteen and one-half acres (about) of the College Hill land were sold to Mrs. Mary D. Biddle, of Philadelphia, for \$50,000; of this sum \$20,000 was devoted to the erection and equipment of the Preparatory School building on H street, and \$30,000 towards the purchase of the Harris property, corner of Fifteenth and H streets.

The middle portion of the same tract, containing about sixteen acres, together with all the improvements except the old college building, was sold in April, 1883, to Mrs. Elizabeth Lanier Dunn, of Washington, D. C., for \$87,500.

In the year 1874 the Rev. Dr. Jas. B. Simmons obtained subscriptions somewhat in excess of \$100,000 for the benefit of the University, our esteemed president, W. W. Corcoran, LL. D., having offered to convey the Trinidad estate to the University upon the condition that the sum of \$100,000



should be raised—this for the purpose of establishing a Department of Science.

For some time the committee in charge of the matter directed their efforts to the purchase of property contiguous to the Law Building on Fifth street, with a view to using that building as a nucleus. At this juncture Mr. Corcoran offered to give the lot adjoining the Arlington Hotel on the north, containing a trifle less than 10,000 square feet, for the erection of a new building. Friends outside of the Corporation thought the lot in question too small, advised its sale, subject to the consent of the donor, and a reinvestment of proceeds in cheaper land to the north. Mr. Corcoran then canceled the agreement and paid into the treasury of the Corporation the sum of \$30,000 cash, which, with the \$30,000 aforementioned, was paid to Mr. J. N. A. Griswold, of New York, on account of the Harris property, leaving balance due of fifteen thousand for the said lot, which was subsequently paid by a loan from Messrs. Riggs & Co.

In June, 1883, the contract for the erection of the new university building was signed with William C. Morrison, and the total cost to date with fixtures and furniture amounts to \$90,647.39.

In March, 1885, the Trinidad estate was sold to the Washington Brick Machine Co. for \$85,000, upon the following terms: \$13,000 cash, and the balance payable in nine annual notes of \$8,000 each, interest five per cent. per annum, payable quarterly.

At a special meeting of the Corporation, held March 27, 1885, Mr. Corcoran consenting, authority was granted to use temporarily \$10,000 of the cash payment for the equipment of the Corcoran Scientific Department.

Up to this date there has been expended under this head in fixtures, apparatus, and material \$6,308.21.

According to the report hereto attached the Corcoran endowment fund is placed at ----- \$69,500 00  
Notes on Trinidad ----- 72,000 00  
Cost of the new University Building ----- 88,947 99



Furniture, fixtures, &c. -----	\$1,699 40
Equipment of Scientific Department -----	6,308 21
Cost of land on which the building stands ----	75,000 00
Assessed value of 3d St. house -----	15,188 00
“ Law Building, 5th St.-----	17,202 00
“ unimproved city lots-----	8,716 00
“ Adm'l Powell property, 1707	
I St. -----	24,188 00
Amount paid on Prep. School property -----	23,000 00
Total assets -----	<u>\$401,749 60</u>

*Liabilities.*

Loan from Riggs, secured on University Building (5%) -----	\$18,000 00
Loan from Nat. Savings Bank, secured on Law Building and 3d St. house (6%)-----	16,000 00
Loan from Louise Home on Prep. School Building (6%)-----	4,434 12
Total-----	<u>\$38,434 12</u>

The treasurer's report for 1881 shows the par value of the Corcoran endowment fund investment to be. \$70,650 00  
 Subscriptions unpaid----- 23,759 00

One of the last acts of my predecessor, by order of the investment committee, was the purchase of \$28,000 in bonds of the State of Missouri and R. R. bonds, guaranteed by the said State at a cost of \$31,000.00, diminishing the endowment fund to the extent of \$3,000 by this single operation. In the sale of the land to Mrs. Biddle taxes to the amount of \$3,892.18 were discovered to be due, not before reported so far as could be ascertained. To meet this unexpected liability I carefully revised the list of unpaid subscriptions, and to this date I have collected the sum of \$2,027 from what might be justly called outlawed paper.

In addition to this, subscriptions of one thousand dollars



each have been generously donated by Hon. Gardiner Greene Hubbard, Gen. Wm. McKee Dunn, and James E. Fitch, Esq. Others contributed smaller sums amounting to \$250.

In confirmation of my averment that the receipts from the Corcoran endowment fund, tuition fees, and miscellaneous securities have equaled the legitimate and ordinary expenditures—that is to say, have been sufficient to pay all the salaries, wages, fuel, and gas bills—you will observe from the Treasurer's report, that the balance on hand from Law School May 31, 1885, was----- \$1,992 38  
 Balance to credit of scientific department ----- 1,460 56  
 Receipts from miscellaneous securities and Corcoran endowment fund to May 31, 1886----- 4,935 55  
 Tuition fees school and college to May 31, 1886- 9,391 50  


---

 \$17,779 99

Expenditures for salaries, wages, fuel, and gas for the year ending May 31, 1886, \$18,500.04; from which is to be deducted the sum now in hand to the credit of the scientific fund, exceeding one thousand dollars.

In conclusion, I trust it will not be deemed intrusive on my part in calling the attention of the Corporation to the fact that in the near future all the Missouri State and railroad bonds will mature. To secure these bonds a premium of \$3,000 was paid. Can the policy of buying large interest-bearing securities be continued with our limited endowment? At the maturity of the bonds how shall we replace the premium, using as we do all the interest in the payment of current expenditures?

With great respect, yours,

ROBERT C. FOX,  
*Treasurer.*



## ANNUAL REPORT OF THE TREASURER.

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*To the Overseers and Trustees of the Columbian University:*

GENTLEMEN: I have the honor to submit herewith a Report of the financial affairs of the University for the year ending May 31, 1886.

Schedule "A" is a Statements of Receipts and Disbursements.

" "B," Scholarship Funds.

" "C," Corcoran Endowment Fund Investments.

" "D," Miscellaneous Securities.

" "E," Table of Insurance.

All of which is respectfully submitted.

ROBERT C. FOX,  
*Secretary and Treasurer.*

WASHINGTON, D. C., June 1, 1886.



# SCHEDULE "A."

## Statement of Receipts and Disbursements for the year ending May 31, 1886.

### ACADEMIC DEPARTMENT.

#### RECEIPTS:

Tuition: College .....	\$3,143 50	
Preparatory School .....	6,248 00	
		\$9,391 50
Diplomas .....		6 00
Rents: 222 Third Street, Mrs. C. B. Cutler.....	600 00	
Admiral Powell property, Mr. A. C. Tyler.....	100 00	
Lot 1, square S. of 12, Mr. L. A. Littlefield.....	100 00	
		800 00
Real Estate Notes: Interest .....		125 00
Corcoran Endowment Fund: Interest notes.....		195 00
Interest on United States four per cent. bonds.....		268 00
Interest on District of Columbia 3.65 bonds.....		308 42
Cincinnati coupons .....		2,263 00
Missouri coupons .....		1,692 33
City of Hannibal.....		29 65
City of Warsaw .....		12 00
Olathe .....		17 15
Quinsigamond Bank .....		25 00
Washington Brick Machine Company: Interest.....		3,600 00
Refundment first half tax for 1886 on No. 222 Third Street, same being paid by Mrs. C. B. Cutler, per agreement.....		113 91
Duncanson Bros., sale of old stoves .....		12 49
Rev. J. B. Simmons, D. D., donation .....		100 00
Transferred from Law Fund.....		1,992 38
		<u>\$20,951 83</u>

#### PAYMENTS. Salaries:

J. C. Welling, LL.D., President of the Faculties, in full to March 31, 1886 .....	\$3,000 00	
Allowance for house rent, in full to March 31, 1886.....	900 00	
		\$3,900 00
Prof. A. J. Huntington, in full to May 31, 1886 .....	\$1,500 00	
Allowance for house rent, in full to May 31, 1886.....	300 00	
		1,800 00
Carried forward .....		<u>\$5,700 00</u>
		(9)



Brought forward .....		\$5,700 00
Prof. S. M. Shute, in full to May 31, 1886 .....	\$1,500 00	
Allowance for house rent, in full to May 31, 1886..	300 00	
Salary as Secretary of Faculty, Academic Year, 1885-'86 .....	40 00	
Three per cent. commission on collections of \$9,954.50	298 63	
		2,138 63
Prof. E. T. Fristoe, in full to May 31, 1886 .....	\$1,500 00	
Allowance for house rent, in full to May 31, 1886..	300 00	
		1,800 00
Prof. A. P. Montague, in full to May 31, 1886....	1,500 00	
Allowance for house rent, in full to May 31, 1886..	300 00	
		1,800 00
Prof. A. H. Janus, in full to March 31, 1886 .....		950 00
Prof. J. Howard Gore, in full to May 31, 1886.....		1,000 00
Howard L. Hodgkins, Adjunct Professor, in full to May 31, 1886 .....		666 66
Edward Roome, Adjunct Professor, in full to May 31, 1886...		300 00
Lee Davis Lodge, Adjunct Professor, in full to May 31, 1886..		300 00
James Corridon, for instruction in penmanship.....		51 50
Robert C. Fox, Salary as Secretary and Treasurer, in full to May 31, 1886 .....		1,000 00
		<u>\$15,706 79</u>

*Miscellaneous:*

## Janitors' Wages:

James A. Washington, in full to May 31, 1886	\$480 00	
Frank Butler, in full to May 31, 1886 .....	360 00	
Rickson T. Harris, in full to May 31, 1886..	240 00	
Walter L. Lewis, in full to May 31, 1886 ...	249 00	
		\$1,329 00

## Repairs and Materials:

M. Hobson, painting iron posts .....	\$5 00	
M. Hobson, painting wood-work in rear of Preparatory Department .....	20 00	
John Mitchell, repairs to plumbing at Pre- paratory Department .....	43 21	
A. Collin, repairs to plaster models .....	38 00	
James B. Lambie, sundries .....	6 41	
James B. Lambie, lawn mower .....	15 65	
N. Anderson, three new closets at Prepara- tory Department .....	68 20	
N. W. Burchell, sundries .....	12 05	

Carried forward ..... \$208 52      \$1,329 00



Brought forward	\$208 52	\$1,329 00
National Electric Company, repairing bells, &c.	2 55	
Geo. G. Ryan, work on doors, chairs, &c.	10 50	
Geo. B. Clark & Son, repairs to roof of Preparatory Department	12 00	
Rhodes & Simms, repairs at Preparatory Department	26 05	
Roach & Binnix, repairs to roof of Preparatory Department	37 00	
Roach & Binnix, repairs to roof of University building, and painting same	131 00	
E. F. Brooks, sundries	3 55	
Geo. Ryneal, Jr., lantern, &c.	4 05	
Castle & Hershaw, repairs to roof of Powell house	14 75	
G. W. Lyles, repairs to roof of Powell house	2 50	
		452 47
Sundries:		
Postage and incidentals, Dr. Welling	\$69 73	
Incidentals, Prof. Montague	2 47	
Rent of Opera House, J. Louis Ford	100 00	
Music for commencements, L. Weber	75 00	
Lunch for Corporation meeting, M. Hebner	26 90	
National Safe Deposit Company, year ending July 3, 1886	40 00	
Storage of two large boxes, two years ending January 25, 1886	20 00	
W. B. Moses & Son, cartage and use of chairs for College commencement	4 50	
John Fox, scrubbing floors, washing windows, &c.	8 00	
Wm. Belt, top dressing lawn	2 50	
Roach & Binnix, removing ice and snow from roof of Preparatory Department	3 50	
Subscription to Publishers' Weekly	\$3 20	
Library Journal, two years	10 00	13 20
		365 80
A. A. Brooke, abstract of title to Admiral Powell property	25 00	
Two tax certificates on same	1 00	
Water rent on same for year ending June 30, 1886	10 73	
B. Westermann & Co., maps	85 15	
Henry Ulke, painting portrait of President Bacon	100 00	
Carried forward		\$2,369 15



Brought forward.....		\$2,369 15
Stationery and Printing:		
R. H. Darby.....	233 15	
E. Morrison.....	2 10	
Wm. Ballantyne & Son.....	10 00	
Gibson Brothers.....	58 04	
J. D. Free, Jr.....	44 60	
		347 89
Diplomas:		
Printing, A. G. Gedney.....	11 00	
Engrossing, E. B. Hay.....	5 00	
		16 00
Insurance:		
New University building.....	100 00	
Furniture, &c., University building.....	25 00	
Preparatory School.....	30 00	
Cutler house, 222 Third Street, N. W.....	15 00	
Admiral Powell property, 1707 I Street, N. W.....	18 75	
		188 75
Advertising:		
Evening Star.....	55 92	
National Republican.....	28 01	
Washington Post.....	36 02	
Washington Critic.....	5 00	
		124 95
Prizes and Premiums:		
M. W. Galt, Bro. & Co., medals.....	74 00	
Harris & Shafer, medals.....	107 50	
		181 50
Fuel:		
Clarke & Given.....	17 00	
John T. Given.....	954 35	
		971 35
Gas: Washington Gas Light Company.....		552 90
Ice: Great Falls Ice Company.....		23 19
Taxes:		
All of personal tax for 1886.....	24 00	
First half of 1886 on lots in squares South of 12, 13, 16, 23, W. of 23, 83, 87, 88, 89, and Res. 10.....	179 28	
Carried forward.....	\$203 28	\$4,775 68



	Brought forward.....	\$203 28	\$4,775 68
Taxes:			
Second half of 1886 on lots in squares South of 12, 13, 16, 23, W. of 23, 83, 87, 88, and 89 .....			
		65 37	
All of tax for 1886 on lots sub C and of S. D in square 126, (Admiral Powell property) and penalty on first half .....			
		366 45	
			635 10
National Savings Bank, interest on loan of \$16,000, one year @ 6 per cent. ....			
			960 00
Riggs & Co., interest on loan of \$18,000, one year, @ 5 per cent. ....			
			900 00
Louise Home, interest on \$4,434.12, for one year, @ 6 per cent. ....			
			266 04
New University Building:			
Wm. C. Morrison, builder, tenth and last payment on account contract .....			
		1,000 00	
Wm. C. Morrison, bill for tiling and sundries .....			
		345 37	
			1345 37
Equipment of Corcoran Scientific School:			
Hutchins & Betz, sink, blow pipe table, &c., .....			
		32 40	
Hayward & Hutchinson, plumbing work, &c., in Laboratory .....			
		10 70	
F. A. Schneider, Laboratory apparatus, &c. ....			
		29 15	
Orr & Hess Machine Co., Assay rolling machine, &c. ....			
		236 00	
James W. Queen & Co., balance bill for philosophical instruments, &c. ....			
		719 64	
James W. Queen & Co., illuminated fountain .....			
		8 00	
			1,035 89
			\$9,918 08

## LAW FUND.

	Balance per last report, May 31, 1885.....	\$1,992 38
RECEIPTS:		
Tuition: Regular .....		
	9,480 00	
Post-Graduate .....		
	920 00	
		\$10,400 00
Diplomas .....		
	180 00	
		10,580 00
	Carried forward.....	\$12,572 38



Brought forward-----		\$12,572 38
Rents: Enoch Totten-----	\$420 00	
H. W. Garnett-----	240 00	
F. T. Browning-----	180 00	
R. B. Lewis-----	120 00	
John E. McNally-----	110 00	
Jas. N. Callan-----	45 00	
F. W. Clemons-----	2 50	
A. E. L. Keese-----	63 00	
	<hr/>	1,180 50
Donation from Professors Cox and Maury towards printing address of Hon. Francis Wharton-----		20 00
		<hr/>
		1,200 50
		<hr/>
		\$13,772 88

PAYMENTS. *Salaries:*

Prof. Wm. A. Maury, in full to May 31, 1886--	\$3,000 00	
One-third of \$920, Post-Graduate-----	306 66	
	<hr/>	3,306 66
Prof. Walter S. Cox, in full to May 31, 1886--		3,000 00
Prof. George F. Appleby, balance due for session 1884-'85-----	\$200 00	
Two-thirds of \$920, Post-Graduate-----	613 34	
	<hr/>	813 34
Hon. William Strong, in full for course-----		400 00
Hon. Francis Wharton, in full for course-----		375 00
		<hr/>
		\$7,895 00

*Miscellaneous:*

Janitor: Frank Beckett, in full May 31, 1886--	\$360 00
Gas-----	21 30

*Diplomas:*

Engraving: A. G. Gedney-----	\$93 50	
Engrossing: E. B. Hay-----	44 50	
Ribbon: C. W. Thorn & Co.-----	8 00	
	<hr/>	146 00

*Stationery:*

Wm. Ballantyne & Son-----	\$26 50	
F. H. Stickney-----	5 80	
	<hr/>	32 30

*Repairs:*

J. Veihmeyer, resetting granite steps at Law Building--	15 00
Carried forward-----	<hr/>
	\$574 60



Brought forward.....		\$574 60
Advertising:		
National Republican.....	\$45 00	
Washington Post.....	42 42	
Evening Star.....	62 18	
		<u>149 60</u>
Printing:		
Judd & Detweiler.....	\$22 50	
R. O. Polkinhorn & Son.....	10 00	
		<u>32 50</u>
Insurance on Law Building:		
Columbia Fire Insurance Company.....	\$12 00	
Firemen's Insurance Company.....	12 00	
		<u>24 00</u>
Taxes:		
All of year ending June 30, 1886, on Law Building....		258 04
Prizes and Premiums:		
Ballard Morris, 1st prize at Law Commence- ment.....	\$40 00	
Edward W. Dingley, 2d prize.....	30 00	
J. H. Adriaans, 3d prize.....	20 00	
		<u>90 00</u>
Use of Opera House for Law Commencement: J. W. Albaugh.....		100 00
Water rent, year ending June 30, 1886.....		18 00
F. M. Draney, Odorless Excavating Co.....		2 00
P. T. McCurdy: One screen.....		5 00
Commission on collections: F. H. Stickney.....		349 44
Transferred to Academic Fund.....		<u>1,992 38</u>
		<u>\$3,595 56</u>



## CORCORAN SCIENTIFIC SCHOOL FUND.

Balance per last report, May 31, 1885.....	\$1,460 56
RECEIPTS:	
Tuition.....	3,929 78
	<u>\$5,390 34</u>

PAYMENTS. *Salaries:*

Prof. Harry King .....	\$427 73
Prof. E. T. Fristoe.....	715 82
Prof. S. M. Shute .....	321 96
Prof. A. H. Janus.....	311 11
Prof. J. H. Gore .....	215 91
Prof. H. L. Hodgkins.....	192 13
Prof. W. P. Lawver.....	195 00
Prof. W. S. Yeates .....	134 79
Prof. Wm. Hallock.....	99 66
	<u>\$2,614 11</u>

*Miscellaneous:*

R. H. Darby, printing .....	\$7 25
Clarke & Given, fuel.....	302 29
National Republican, advertising .....	14 40
Joseph Zentmayer, microscope.....	12 00
Prof. E. T. Fristoe, refundment for transportation and other bills .....	246 45
Prof. E. T. Fristoe, incidental expenses.....	28 17
Tuition fees refunded.....	77 39
F. H. Stickney, commission on collections .....	121 34
	<u>\$809 29</u>

## CORCORAN ENDOWMENT FUND.

Balance per last report .....	\$38 79
RECEIPTS:	
George O. Manning, account subscription....	160 00
Missouri Pacific R. R. bond No. 4050, redeemed.....	1,000 00
	<u>\$1,198 79</u>
INVESTMENT:	
\$1,000 D. C. 3.65 registered bond No. 4018 @ 119½.....	1,192 50
Balance.....	<u>\$6 29</u>



## RECAPITULATION.

## ACADEMIC FUND:

Balance per last report -----	\$6,855 79	
Receipts during year ending May		
31, 1886 -----	20,951 83	\$27,807 62
Payments: Salaries -----	15,706 79	
Miscellaneous -----	9,918 08	25,624 87
Balance -----		\$2,182 75

## LAW FUND:

Balance per last report -----	\$1,992 38	
Receipts during the year -----	11,780 50	13,772 88
Payments: Salaries -----	7,895 00	
Miscellaneous -----	3,595 56	11,490 56
Balance -----		2,282 32

## CORCORAN SCIENTIFIC SCHOOL FUND:

Balance per last report -----	\$1,460 56	
Receipts during the year -----	3,929 78	5,390 34
Payments: Salaries -----	2,614 11	
Miscellaneous -----	809 29	3,423 40
Balance -----		1,966 94

## CORCORAN ENDOWMENT FUND:

Balance per last report -----	\$38 79	
Receipts during the year -----	1,160 00	1,198 79
Investment -----		1,192 50
Balance -----		6 29
		<u>\$6,438 30</u>

## SCHEDULE "B."

*Scholarship Funds.*

## ELTON FUND.

Chesapeake and Ohio Canal bonds, interest six per cent., payable January and July, Nos. 2041, 2053 to 2058, 2060; each \$1,000 -----	\$8,000 00	
Nos. 1640, 1641; each \$500 -----	1,000 00	\$9,000 00
Carried forward -----		<u>\$9,000 00</u>



Brought forward..... \$9,000 00

## KENDALL FUND.

Chesapeake and Ohio Canal bonds, Nos. 1642, 1643;  
each \$500..... \$1,000 00  
U. S. four per cent. bonds, interest payable January,  
April, July, and October, Nos. 101966, 101967;  
each \$1,000..... 2,000 00

Interest collected to April, 1886.

D. C. 3.65 bond, interest payable February and Au-  
gust, No. 3141..... 1,000 00

Interest collected to February, 1886.

Note of J. W. Hogg, secured by real estate..... 1,875 00  
Interest paid to March 31, 1886. 5,875 00

## FARNHAM FUND.

Chesapeake and Ohio Canal bond, No. 2164..... 1,000 00

## DAVIS FUND.

Chesapeake and Ohio Canal bond, No. 960..... 1,000 00

## CARTER FUND.

Chesapeake and Ohio Canal bond, No. 2165..... 1,000 00

## WILLIE E. FITCH FUND.

Note of Wilbur F. Nash due in five years from December 5, 1883,  
with interest @ five per cent., payable semi-annually, secured  
by deed of trust on sub-lot 70 in square No. 511..... 1,000 00  
Interest paid to December 5, 1885. \$18,875 00

NOTE—The Chesapeake and Ohio Canal bonds contain coupons of July 1, 1864, *et seq.*



## SCHEDULE "C."

*Corcoran Endowment Fund Investments.*

## BONDS:

Cincinnati Municipal Coupon bonds, interest  $7\frac{3}{8}$  per cent., payable January and July, Nos. 2864 to 2881, 3293 to 3299, 5015, 7576, 7583, 7591, 7595, 7689; each \$1,000. \$31,000 00

Interest collected to January 1886.

United States fours, interest payable January April, July, October, Nos. 65567 to 65570, 112936 to 112938; each \$100-----	700 00	
Nos. 57162, 66121, 81177, 92533; each \$1,000-----	4,000 00	
		4,700 00

Interest collected to April, 1886.

State of Missouri six per cent. consolidation bonds, interest payable January and July, Nos. 271, 272, 273, 979, 3480, 3481; each \$1,000-----		6,000 00
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Missouri State Railroad bonds, interest 6 per cent., payable January and July, issued to: St. Louis and Iron Mountain R. R., Nos. 1562, 1574, 1743, 1765, 1871, 1942, 2002, 2142, 2188, 2551; each \$1,000-----	\$10,000 00	
The Pacific R. R., Nos. 4813, 4814, 5204, 5205; each \$1,000-----	4,000 00	
North Missouri R. R., Nos. 1240, 1513, 1523, 1811, 1900, 3312, 3530; each \$1,000-----	7,000 00	
		21,000 00

Interest collected to January, 1886.

City of Warsaw bonds, Nos. 109, 110, six per cent., interest payable January and July; each \$100-----		200 00
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Interest collected to July, 1885.

Olathe bond, No. 20, seven per cent., interest payable May and November-----		250 00
------------------------------------------------------------------------------	--	--------

Interest collected to May, 1886.

District of Columbia three-sixty fives, interest payable February and August, Nos. 3162, 3163, 3164, 3450; each \$1,000-----	\$4,000 00	
*No. 4018-----	1,000 00	
Carried forward-----	\$5,000 00	\$63,150 00

\* The \$1,000 D. C. 3.65 bond, No. 4018, cost \$1,192.50.



Brought forward .....	\$5,000 00	\$63,150 00
Nos. 16156 and 27291; each \$500 .....	1,000 00	
Nos. 2861, 3229, 3230, 3324, 6755, 7179, 7373; each \$50 .....	350 00	
Interest collected to February, 1886 .....		6,350 00
Par value of bonds .....		\$69,500 00
Washington Brick Machine Company's notes secured on the Trinidad estate:		
Nine annual notes of \$8,000 each, dated March 30, 1885, payable on or before maturity, with interest @ 5 per cent. per annum, payable quarterly, secured by deed of trust. Coupon notes for interest .....		72,000
Note falling due March 30, 1886, extended for ninety days.		
NOTES:		
Notes from individual subscribers .....		3,925
Of this amount \$1,125 believed to be worthless.		
		<u>\$145,425</u>

## SCHEDULE "D."

*Miscellaneous Securities.*

## District of Columbia:

Three sixty-fives, interest payable February and August—Nos. 16653 to 16656—each \$500 .....	\$2,000 00
Nos. 7881, 7882, each \$50 .....	100 00
Interest collected to Feb. 1, 1886.	
	2,100 00

## Quinsigamond National Bank:

Certificate No. 5, for 5 shares .....	500 00
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## City of Hannibal 6 per cent. bond:

No. 14 D, interest payable April and October .....	500 00
Interest collected to April 1, 1886.	

\$3,100 00In addition to the above are the following, reported to be worth-  
less:

Maysville and Lexington Railroad bonds, Nos. 101, 131, 132, 235, each \$1,000 .....	\$4,000 00
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## Schedule "E."—Table of Insurance.

21

PREMISES.	Amount.	Name of Company.	Location of Company.	No. of Policy.	Premium.	Policy Expires.
Law Building-----	\$3,000	Columbia-----	District of Columbia--	1,169	\$12 00	Jan. 29, 1887. 1 yr.
Cutler (Third street) house--	3,000	Firemen's-----	"	17,531	12 00	Jan. 29, 1887. 1 yr.
	5,000	Arlington-----	"	4,887	15 00	Jan. 5, 1887. 1 yr.
New Preparatory Building--	5,000	Columbia-----	"	980	20 00	Nov. 1, 1886. 1 yr.
	2,500	Franklin-----	"	8,640	10 00	Nov. 1, 1886. 1 yr.
New University Building--	5,000	Columbia-----	"	1,888	20 00	Jan. 10, 1887. 1 yr.
	5,000	Riggs-----	"	209	20 00	Jan. 10, 1887. 1 yr.
	5,000	Arlington-----	"	5,273	20 00	Jan. 10, 1887. 1 yr.
	5,000	Corcoran-----	"	3,360	20 00	Jan. 10, 1887. 1 yr.
	5,000	Franklin-----	"	9,171	20 00	Jan. 10, 1887. 1 yr.
	5,000	{ London & Liverpool } and Globe-----	New York Branch--	2,808,175	25 00	June 13, 1886. 1 yr.
Furniture, fixtures, &c., in New University Building }	5,000	Franklin-----	District of Columbia--	10,416	12 50	Feb. 11, 1887. 1 yr.
Powell House, No. 1707 I street-----	2,500	Firemen's-----	"	19,013	6 25	Feb. 14, 1887. 1 yr.



## REPORT OF AUDITING COMMITTEE.

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*To the Corporation of the Columbian University:*

GENTLEMEN: The Auditing Committee have examined the bonds, notes, &c., exhibiting the investments of the moneys pertaining to the various endowment funds and the miscellaneous securities of the Corporation now in the hands of the Treasurer, and find the foregoing schedules to be correct, and that the bonds, &c., are now safely kept in the vaults of the National Safe Deposit Company.

We have also carefully examined the foregoing statements of receipts and expenditures during the year ending May 31, 1886, and balances, and find the same to be correct, and to agree with the vouchers.

HENRY BEARD.

J. ORMOND WILSON.

JOHN T. GIVEN.

WASHINGTON, *June 1*, 1886.



